teleCARE IP

Call Module
User Manual

8 November 2019 / Ver. C

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ADDRESS

Ascom Sweden AB
Grimbodalen 2
SE-417 49 Göteborg
Sweden

Phone: +46 31 55 93 00
Fax: +46 31 55 20 31
www.ascom.com/ws

VDE 0834-1/2 TEST CERTIFICATE HOLDER ADDRESS

Ascom Deutschland GmbH

Kruppstraße 105

60388 Frankfurt

Phone: +49 69 58 00 57 - 0

Fax: +49 69 58 00 57 - 333

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Bedside Module with 1 Button and Socket

Default 1 button bedside module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Device Disconnected		
Medical Alarm		
Acoustic Call		

interval x 250ms

Unconfigured	

while pressed

No Connection	

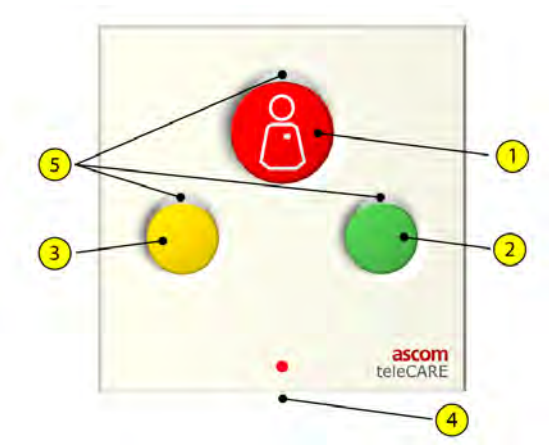
Once every second

Bedside call module with one button including reassurance LED which permanently emit a low intensity light for night-time locating and identification in the dark.

Bedside modules are located in bedrooms in proximity of the bed. A Bedside Handset can be connected to the Bedside Module.

1. Call button -> Press to make a call.
2. Safe release connector for connecting Bedside Handsets. The red dot should line up with the red dot on the connector of the Bedside Handset.
3. Call (reassurance) LED ->
   LED to indicate call states according to the flashing patterns.

Bedside Module with 3 Buttons and Socket



Default 3 button bedside module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal	R	
Assistance	Y	
Emergency	G	
Device Disconnected	R	
Medical Alarm	R	
Acoustic Call	R	

interval x 250ms

Unconfigured	R Y G

while one of the buttons is pressed

No connection	R Y G

Once every second

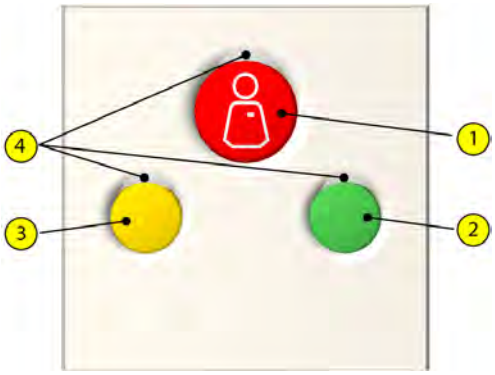
Bedside call module with three buttons including reassurance LEDs which permanently emit a low intensity light for night-time locating and identification in the dark.

Bedside modules are located in bedrooms in proximity of the bed. A Bedside Handset can be connected to the Bedside Module.

1. Call button -> Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling calls.
   Long press: for emergency call.
3. Yellow button ->Staff use only.
   Press for assistance call.
4. Safe release connector for connecting Bedside Handsets. The red dot should line up with the red dot on the connector of the Bedside Handset.
5. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.

Door Modules

Door Module with Resident Check-in



Door call module with three buttons including reassurance LEDs which permanently emit a low intensity light for night-time locating and identification in the dark.

Door modules are located in bedrooms in proximity of the door.

1. Call button ->
   Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling (linked) calls.
   Long press: for emergency call.
3. Yellow button ->
   Short press: for resident check-in.
   Staff use only.
   Long press: for assistance call.
4. Call (reassurance) LEDs ->
   LEDs to indicate call and presence states according to the flashing patterns.

For linked signalling flashing patterns see “Linked Signalling Flashing Patterns” on page 7.

Default door module LED flashing patterns.

	Flashing Patterns		
Call Type	**teleCARE IP**		**VDE**
Normal			NA
Assistance			
Emergency			
Checked-in			
Acoustic Call			

interval x 250ms

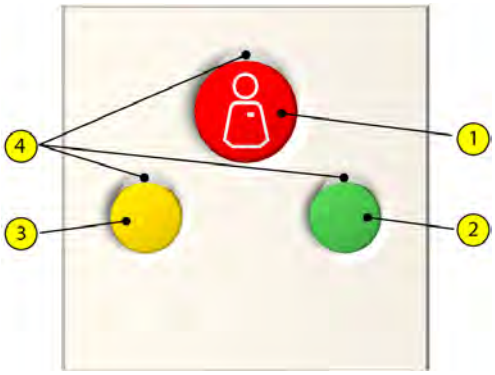
Unconfigured		

while one of the buttons is pressed

No Connection	

Once every second

Door Module with Presence



Door call module with three buttons including reassurance LEDs which permanently emit a low intensity light for night-time locating and identification in the dark.

Door modules are located in bedrooms in proximity of the door.

1. Call button ->
   Press to make a call.
2. Green button -> Staff use only.
   Short press: for presence 1 on/off and cancelling (linked) calls.
   Long press: for emergency call.
3. Yellow button ->Staff use only.
   Short press: for presence 2 on/off and cancelling (linked) calls.
   Long press: for assistance call.
4. Call (reassurance) LEDs ->
   LEDs to indicate call and presence states according to the flashing patterns.

For linked signalling flashing patterns see see “Linked Signalling Flashing Patterns” on page 7.

Default door module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Emergency		
Presence 1		
Presence 2		
Acoustic Call		

interval x 250ms

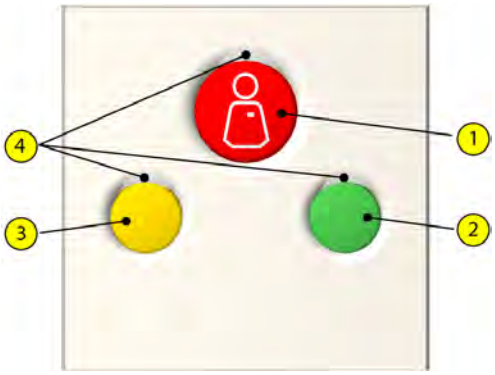
Unconfigured	

while one of the buttons is pressed

No Connection	

Once every second

Door Module without Presence



Door call module with three buttons including reassurance LEDs which permanently emit a low intensity light for night-time locating and identification in the dark.

Door modules are located in bedrooms in proximity of the door.

1. Call button ->
   Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling (linked) calls.
   Long press: for emergency call.
3. Yellow button ->Staff use only.
   Short press: for assistance call.
   Long press: for assistance call.
4. Call (reassurance) LEDs ->
   LEDs to indicate call and presence states according to the flashing patterns.

For linked signalling flashing patterns see see “Linked Signalling Flashing Patterns” on page 7.

Default door module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Emergency		
Acoustic Call		

interval x 250ms

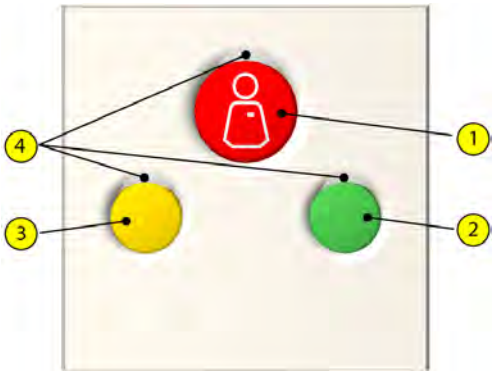
Unconfigured	

while one of the buttons is pressed

No Connection	

Once every second

Door Module with Presence 1 and Assistance



Door call module with three buttons including reassurance LEDs which permanently emit a low intensity light for night-time locating and identification in the dark.

Door modules are located in bedrooms in proximity of the door.

1. Call button ->
   Press to make a call.
2. Green button -> Staff use only.
   Short press: for presence 1 on/off and cancelling (linked) calls.
   Long press: for emergency call.
3. Yellow button ->Staff use only.
   Short press: for assistance call.
   Long press: for assistance call.
4. Call (reassurance) LEDs ->
   LEDs to indicate call and presence states according to the flashing patterns.

For linked signalling flashing patterns see see "Linked Signalling Flashing Patterns" on page 7.

Default door module LED flashing patterns.

	Flashing Patterns		
Call Type	**teleCARE IP**		**VDE**
Normal			NA
Assistance			
Emergency			
Presence 1			
Acoustic Call			

interval x 250ms

Unconfigured	

while one of the buttons is pressed

No Connection	

Once every second

Linked Signalling Flashing Patterns

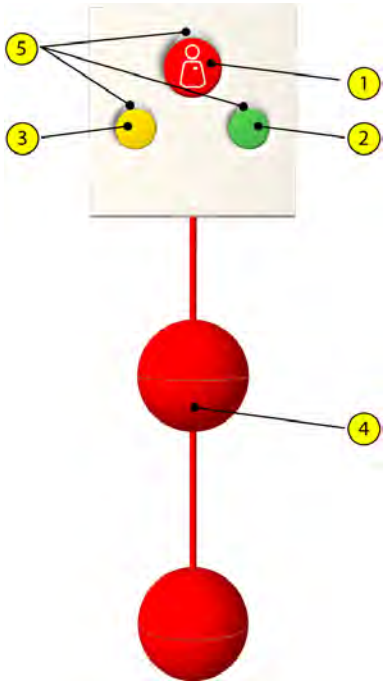
Default door module LED flashing patterns for linked signalling and forwarding buzzer sequences.

	Flashing Patterns		Forwarding Buzzer		
Call Type	**teleCARE IP**	**VDE**	**teleCARE IP**	**VDE**	
Acoustic					
Normal					
Auxiliary alarm					
Removal alarm					
Toilet					
Assistance (Passive)					*
Assistance					*
Emergency (passive)					*
Emergency					*
Medical alarm					*
Low priority alarm (MMA)					*
Low priority disconnect (MMA)					*
LP Med. mod. disconnect (MMA)					
Medium priority alarm (MMA)					*
Medium priority disconnect (MMA)					*
MP Med. mod. disconnect (MMA)					
High priority alarm (MMA)					*
High priority disconnect (MMA)					*
HP Med. mod. disconnect (MMA)					
Device disconnected					
Lamp power failure					
LAN failure					
Peripheral lost					
Presence 1					
Presence 2					
Battery alarm					
Technical alarm					
Door alarm					
Tamper alarm					*
	2.5 second cycle repeated	2 second cycle repeated	2.5 second cycle + 7.5 second silent time repeated	2 second cycle + 18 second silent time repeated	

***** VDE continuous buzzer sequences without silent time.

Active Pull Cord Modules

Active Pull Cord Module with 3 Buttons



Pull cord call module with pull cord and three buttons including reassurance LEDs which permanently emit a low intensity light for night-time locating and identification in the dark.

Pull cord modules are located in toilets and bathrooms.

1. Red button->
   Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling calls.
   Long press: for emergency call.
3. Yellow button -> Staff use only.
   Press for assistance call.
4. Red pull cord ->
   Pull downwards to make a call.
5. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.

Default pull cord module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Toilet	R	
Assistance	Y	
Emergency	G	
Device Disconnected	R	
Medical Alarm	R	
Acoustic Call	R	

interval x 250ms

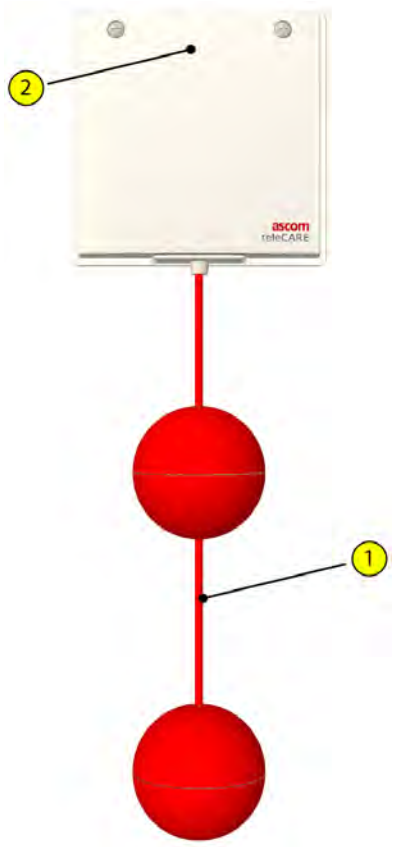
Unconfigured	R Y G	

while one of the buttons is pressed or the pull cord is pulled

No connection	R Y G	

Once every second

Active Pull Cord Call Module IP44



Pull cord call module located in toilets and bathrooms.

1. Call pull cord ->
   Pull to make a call.
2. Call reassurance LED ->
   Red reassurance LED to indicate that a call has been made. The LED shines through the cover plate.

Default IP44 pull cord module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Toilet		
Assistance		
Device Disconnected		
Medical Alarm		

interval x 250ms

Unconfigured	

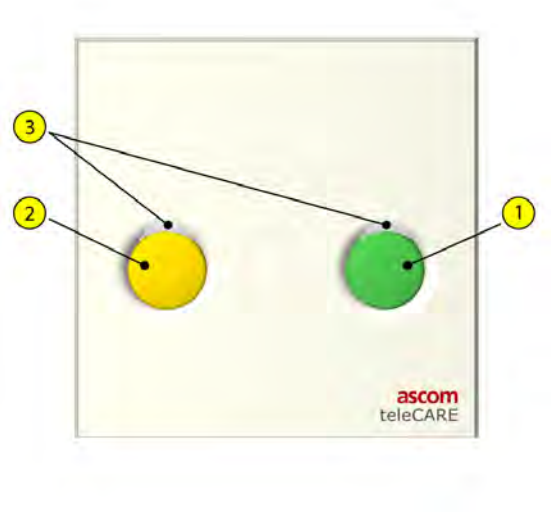
while the pull cord is pulled

No Connection	

Once every second

Pull Cord Cancel Modules

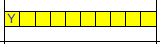
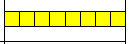
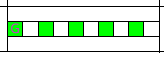
Active Toilet Cancel Module with 2 Buttons



Toilet Cancel module with two buttons, located in bedrooms, for acknowledging, cancelling and calling assistance.

1. Green button -> Staff use only.
   Short press: for cancelling (linked) calls.
   Long press: for emergency call.
2. Yellow button -> Staff use only.
   Press for assistance.
3. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.

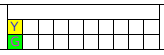
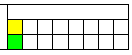
Default pull cord cancel module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Assistance		
Emergency		

interval x 250ms

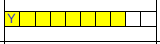
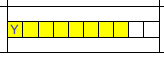
Unconfigured		

while one of the buttons is pressed

No connection		

Once every second

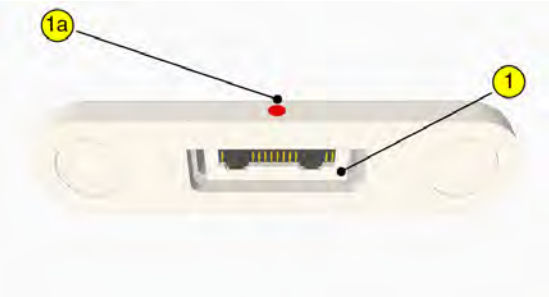
Default pull cord cancel module LED flashing patterns for linked signalling.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Toilet		

interval x 250ms

Medical Rail Modules

Medical Rail Socket



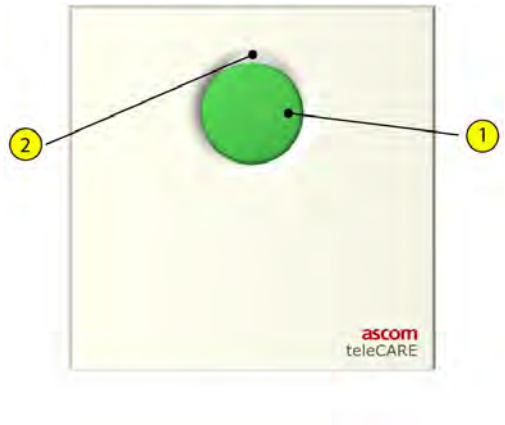
Medical Rail Socket is located in the medical rail in proximity of the bed.

1. The Medical Rail Socket for connecting a Bedside Handset.

1a. Red dot indicator for lining up the connector of the Bedside Handset with the Medical Rail Socket.

Multi Button Customisable Modules

Customisable Module with One Large Green Button

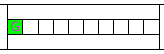
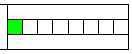


Customisable call module with one large green button including reassurance LED which permanently emit a low intensity light for night-time locating and identification in the dark.

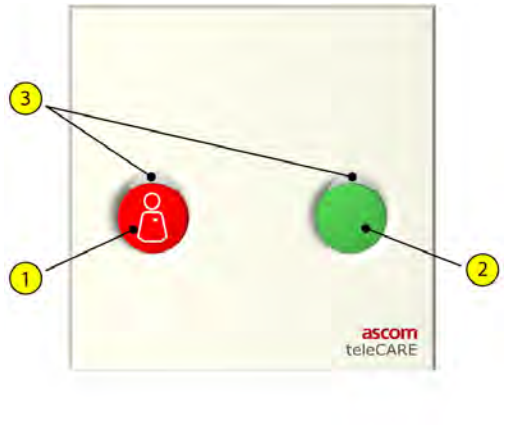
Customisable modules are located in bedrooms in proximity of the bed.

1. Green button -> Staff use only.
   Short press: for cancelling (linked) calls.
   Long press: for emergency call.
2. Call (reassurance) LED ->
   LED to indicate call states according to the flashing patterns.

Default customisable module (1 large green button) LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Emergency		
	interval x 250ms	
Unconfigured		
	while the buttons is pressed	
No connection		
	Once every second	

Customisable Module with Two Buttons



Customisable call module with two buttons, one red button with nurse symbol and one green button including reassurance LED which permanently emit a low intensity light for night-time locating and identification in the dark.

Customisable modules are located in bedrooms in proximity of the bed.

1. Call button -> Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling (linked) calls.
   Long press: for emergency call.
3. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.

Default 2 button customisable module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance *		
Emergency		
Acoustic Call		

interval x 250ms

* An assistance call can be generated, but will not be visible on the module since the two button customisable module does not have a yellow LED.

Unconfigured	

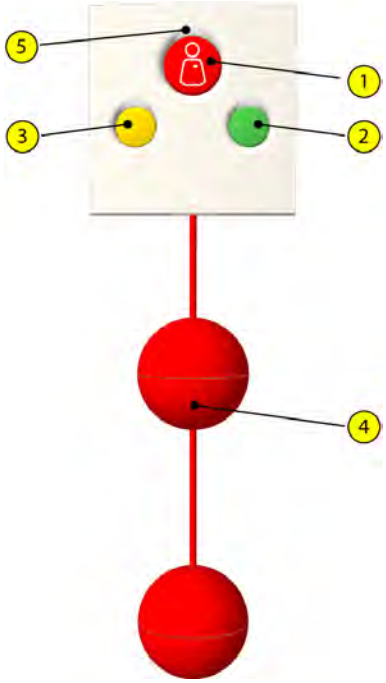
while one of the buttons is pressed

No connection	

Once every second

Passive Modules

Passive Pull Cord Module with 3 Buttons

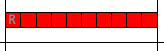
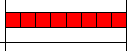
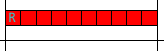
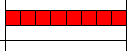
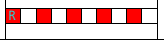
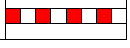


Passive pull cord call module with pull cord and three buttons including reassurance LED.

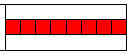
Pull cord modules are located in toilets and bathrooms.

1. Red button->
   Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling calls.
   Long press: for emergency call.
3. Yellow button -> Staff use only.
   Press for assistance call.
4. Red pull cord ->
   Pull downwards to make a call.
5. Call (reassurance) LED ->
   LED to indicate call states according to the flashing patterns.

Default passive pull cord module LED flashing patterns.

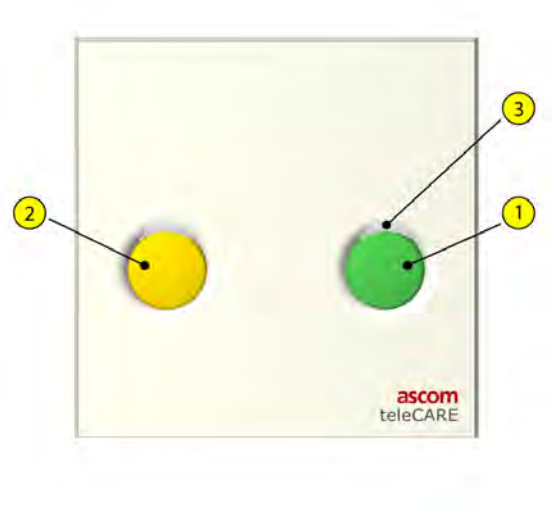
	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Toilet		
Assistance		
Emergency		

interval x 250ms

Unconfigured		

while one of the buttons is pressed or the pull cord is pulled

Passive Toilet Cancel Module



Toilet Cancel module with two buttons, located in bedrooms, for acknowledging, cancelling and calling assistance.

1. Green button -> Staff use only.
   Short press: for cancelling (linked) calls.
   Long press: for emergency call.
2. Yellow button -> Staff use only.
   Press for assistance.
3. Call (reassurance) LED ->
   LED to indicate call states according to the flashing patterns.

Default toilet cancel module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Assistance		
Emergency		

interval x 250ms

Unconfigured		

while one of the buttons is pressed

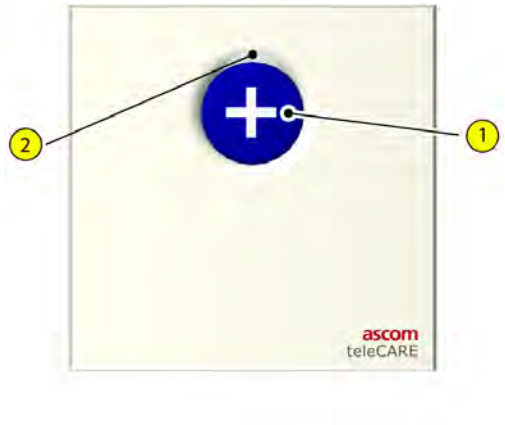
Default toilet cancel module LED flashing patterns for linked signalling.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Toilet		

interval x 250ms

Single Button Customisable Modules

Customisable Module with One Large Blue Button

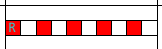
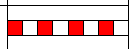
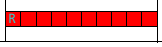
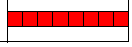


Customisable call module with one large blue button including reassurance LED which permanently emit a low intensity light for night-time locating and identification in the dark.

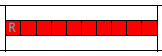
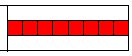
Customisable modules are located in bedrooms in proximity of the bed.

1. Blue button -> Staff use only.
   Press for emergency call.
2. Call (reassurance) LED ->
   LED to indicate call states according to the flashing patterns.

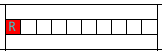
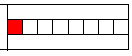
Default customisable module (1 large blue button) LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Emergency		
Acoustic Call		

interval x 250ms

Unconfigured		

while pressed

No Connection		

Once every second

Customisable Module with One Large Red Button

Customisable call module with one large red button including reassurance LED which permanently emit a low intensity light for night-time locating and identification in the dark.

Customisable modules are located in bedrooms in proximity of the bed.

1. Call button -> Press to make a call.
2. Call (reassurance) LED ->
   LED to indicate call states according to the flashing patterns.

Default customisable module (1 large red button) LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Acoustic Call		

interval x 250ms

Unconfigured	

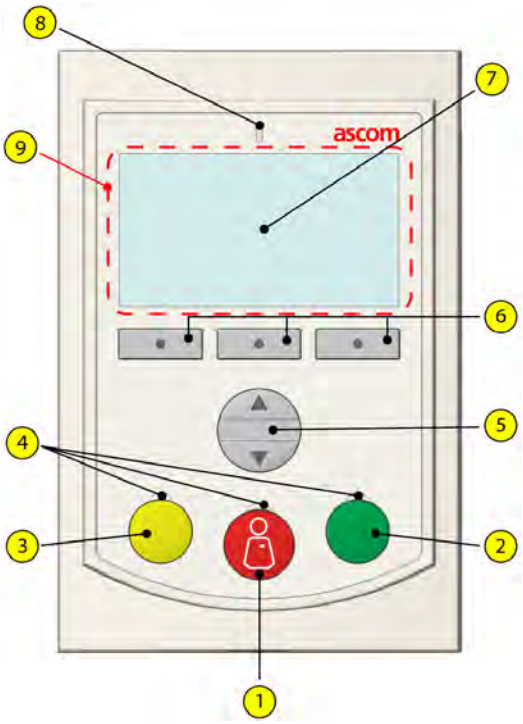
while pressed

No Connection	

Once every second

Room Display

Room Display with Nurse Presence



Default room display with nurse presence LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Emergency		
Presence 1		
Presence 2		
Acoustic Call		

interval x 250ms

Unconfigured	

while one of the call buttons is pressed

Room Display call module with Nurse Presence. With three teleCARE buttons including reassurance LEDs, three function buttons, two navigation buttons, a large display and a loudspeaker.

The Room Display is located in bedrooms or staff locations.

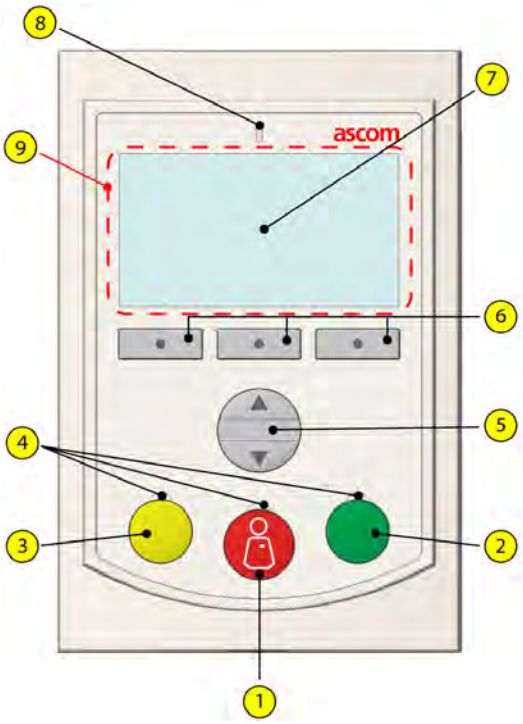
The Room Display is used to optically and acoustically signal call information and presence.

The Room Display has a large display for displaying calls. Integrated in the display is a card reader for easy presence. An integrated loudspeaker is used for acoustical signalling.

1. Call button ->
   Press to make a call.
2. Green button -> Staff use only.
   Short press: for presence 1 on/off and cancelling (linked) calls.
   Long press: for emergency call.
3. Yellow button ->Staff use only.
   Short press: for presence 2 on/off and cancelling (linked) calls
   Long press: for assistance call.
4. Call (reassurance) LEDs ->
   LEDs to indicate call and nurse presence states according to the flashing patterns.
5. Up/Down button for custom functions. Staff use only.
6. Customizable buttons, functions for each button are displayed above the button. Staff use only.
7. Large display for call information.
8. Multi-color LED for signalling call priority.
9. Location of the integrated card reader antenna. Place the card over the display area to toggle the presence state.

Default room display LED flashing patterns for linked signalling and forwarding buzzer sequences.

Room Display without Nurse Presence



Default room display without nurse presence LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Emergency		
Presence 1 *		
Presence 2 *		
Acoustic Call		

interval x 250ms

Unconfigured		

while one of the call buttons is pressed

* Presence levels only available when using access cards.

Room Display call module without Nurse Presence. With three teleCARE buttons including reassurance LEDs, three function buttons, two navigation buttons, a large display and a loudspeaker.

The Room Display is located in bedrooms or staff locations.

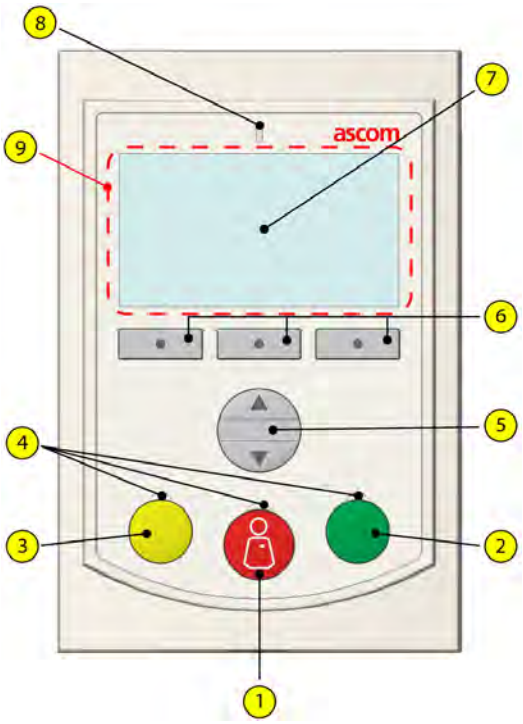
The Room Display is used to optically and acoustically signal call information and presence.

The Room Display has a large display for displaying calls. Integrated in the display is a card reader for easy presence. An integrated loudspeaker is used for acoustical signalling.

1. Call button ->
   Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling (linked) calls.
   Long press: for emergency call.
3. Yellow button ->Staff use only.
   For assistance call.
4. Call (reassurance) LEDs ->
   LEDs to indicate call and nurse presence states according to the flashing patterns.
5. Up/Down button for custom functions. Staff use only.
6. Customizable buttons, functions for each button are displayed above the button. Staff use only.
7. Large display for call information.
8. Multi-color LED for signalling call priority.
9. Location of the integrated card reader antenna. Place the card over the display area to toggle the presence state.

Default room display LED flashing patterns for linked signalling and forwarding buzzer sequences.

Room Display with Nurse Presence and Assistance



Default room display with nurse presence and assistance LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Emergency		
Presence 1		
Presence 2 *		
Acoustic Call		

interval x 250ms

Unconfigured		

while one of the call buttons is pressed

* Presence level 2 only available when using access cards.

Room Display call module with Nurse Presence and Assistance. With three teleCARE buttons including reassurance LEDs, three function buttons, two navigation buttons, a large display and a loudspeaker.

The Room Display is located in bedrooms or staff locations.

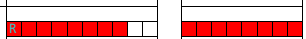
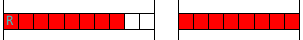
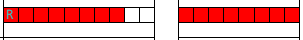
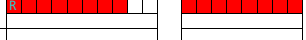
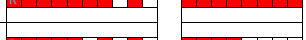
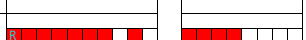
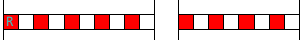
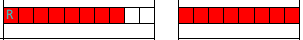
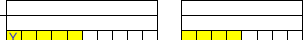
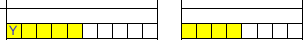
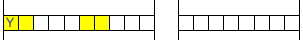
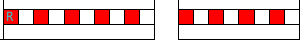
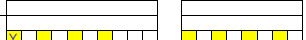
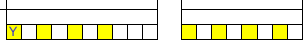
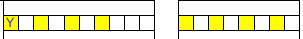
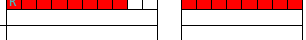
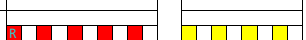
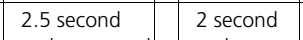
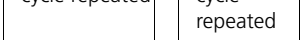
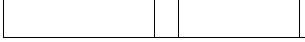
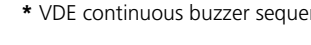
The Room Display is used to optically and acoustically signal call information and presence.

The Room Display has a large display for displaying calls. Integrated in the display is a card reader for easy presence. An integrated loudspeaker is used for acoustical signalling.

1. Call button ->
   Press to make a call.
2. Green button -> Staff use only.
   Short press: for presence 1 on/off and cancelling (linked) calls.
   Long press: for emergency call.
3. Yellow button ->Staff use only.
   For assistance call.
4. Call (reassurance) LEDs ->
   LEDs to indicate call and nurse presence states according to the flashing patterns.
5. Up/Down button for custom functions. Staff use only.
6. Customizable buttons, functions for each button are displayed above the button. Staff use only.
7. Large display for call information.
8. Multi-color LED for signalling call priority.
9. Location of the integrated card reader antenna. Place the card over the display area to toggle the presence state.

Default room display LED flashing patterns for linked signalling and forwarding buzzer sequences.

Default room display LED flashing patterns for linked signalling and forwarding buzzer sequences.

	Flashing Patterns		Forwarding Buzzer		
Call Type	**teleCARE IP**	**VDE**	**teleCARE IP**	**VDE**	
Acoustic					
Normal					
Auxiliary alarm					
Removal alarm					
Toilet					
Assistance (Passive)					*
Assistance					*
Emergency (passive)					*
Emergency					*
Medical alarm					*
Low priority alarm (MMA)					*
Low priority disconnect (MMA)					*
LP Med. mod. disconnect (MMA)					
Medium priority alarm (MMA)					*
Medium priority disconnect (MMA)					*
MP Med. mod. disconnect (MMA)					
High priority alarm (MMA)					*
High priority disconnect (MMA)					*
HP Med. mod. disconnect (MMA)					
Device disconnected					
Lamp power failure					
LAN failure					
Peripheral lost					
Presence 1					
Presence 2					
Battery alarm					
Technical alarm					
Door alarm					
Tamper alarm					*
	2.5 second cycle repeated	2 second cycle repeated	2.5 second cycle + 7.5 second silent time repeated	2 second cycle + 18 second silent time repeated	

***** VDE continuous buzzer sequences without silent time.

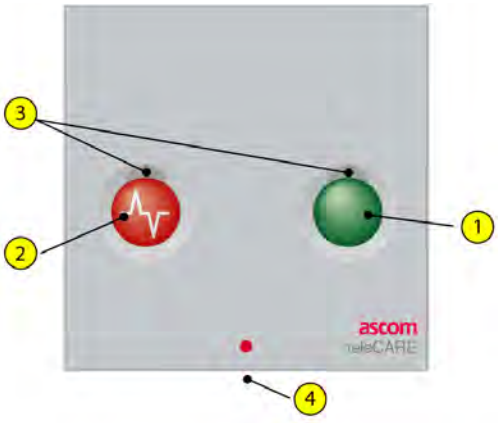
The following room display user manuals can be found on Ascom confluence:

US:
User Manual for Emergency Call System Room Display NIRD - TD 93022US.

EU and UK:
User Manual for Room Display NIRD with Card Reader - TD 92784EN.
User Manual for Room Display NIRD with Speech - TD 92776EN.

Secure Medical Alarm Module

High Priority Secure Medical Alarm PHASED OUT



Default high priority secure medical alarm module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
HP medical Alarm		
HP medical Disconn.		
Device Disconnected		
Test		
Intentional Disconn.		

interval x 250ms

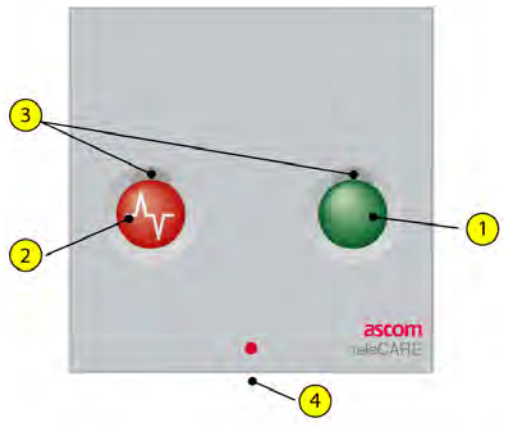
Secure Medical Alarm module with two buttons including reassurance LED which permanently emit a low intensity light for night-time locating and identification in the dark.

Secure Medical Alarm modules are located in bedrooms in proximity of the bed. A medical device can be connected to the secure medical alarm module using a secure medical alarm cable.

1. Green button -> Staff use only.
   Disconnect button, press the disconnect button to disconnect (intentionally) the connected medical device without generating an alarm.
2. Red button -> Staff use only.
   Press to test the secure medical alarm module.
3. Call (reassurance) LED ->
   LED to indicate call states according to the flashing patterns.
4. Safe release connector for connecting the medical device. The red dot should line up with the red dot on the connector of the secure medical alarm cable.

IMPORTANT: *A Secure Medical Alarm module is a legacy teleCARE M module and therefore it can only be used in a teleCARE IP system when connected to a Ward Controller (NIWC).*

Medium Priority Secure Medical Alarm PHASED OUT



Default medium priority secure medical alarm module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
MP medical Alarm		
MP medical Disconn.		
Device Disconnected		
Test		
Intentional Disconn.		

interval x 250ms

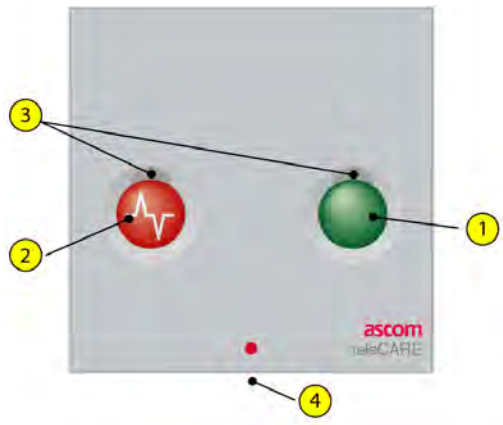
Secure Medical Alarm module with two buttons including reassurance LED which permanently emit a low intensity light for night-time locating and identification in the dark.

Secure Medical Alarm modules are located in bedrooms in proximity of the bed. A medical device can be connected to the secure medical alarm module using a secure medical alarm cable.

1. Green button -> Staff use only.
   Disconnect button, press the disconnect button to disconnect (intentionally) the connected medical device without generating an alarm.
2. Red button -> Staff use only.
   Press to test the secure medical alarm module.
3. Call (reassurance) LED ->
   LED to indicate call states according to the flashing patterns.
4. Safe release connector for connecting the medical device. The red dot should line up with the red dot on the connector of the secure medical alarm cable.

A Secure Medical Alarm module is a legacy teleCARE M module and therefore it can only be used in a teleCARE IP system when connected to a Ward Controller (NIWC).

Low Priority Secure Medical Alarm PHASED OUT



Default low priority secure medical alarm module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
LP medical Alarm		
LP medical Disconn.		
Device Disconnected		
Test		
Intentional Disconn.		

interval x 250ms

Secure Medical Alarm module with two buttons including reassurance LED which permanently emit a low intensity light for night-time locating and identification in the dark.

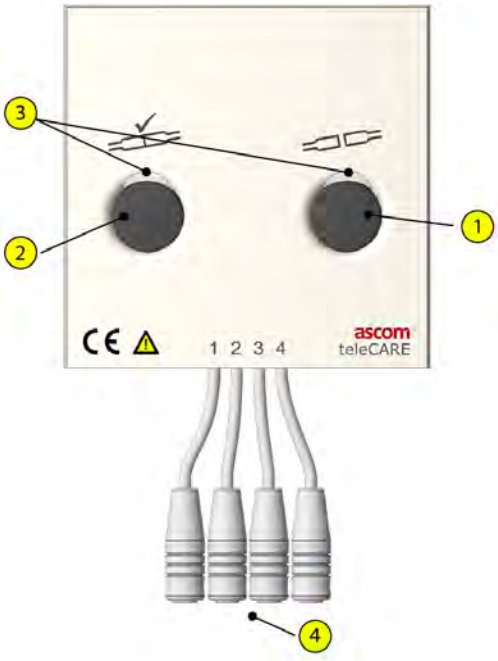
Secure Medical Alarm modules are located in bedrooms in proximity of the bed. A medical device can be connected to the secure medical alarm module using a secure medical alarm cable.

1. Green button -> Staff use only.
   Disconnect button, press the disconnect button to disconnect (intentionally) the connected medical device without generating an alarm.
2. Red button -> Staff use only.
   Press to test the secure medical alarm module.
3. Call (reassurance) LED ->
   LED to indicate call states according to the flashing patterns.
4. Safe release connector for connecting the medical device. The red dot should line up with the red dot on the connector of the secure medical alarm cable.

A Secure Medical Alarm module is a legacy teleCARE M module and therefore it can only be used in a teleCARE IP system when connected to a Ward Controller (NIWC).

Multi Medical Alarm

Multi Medical Alarm Module



Multi medical alarm module with two buttons including reassurance LED which permanently emit a low intensity light for night-time locating and identification in the dark.

Multi medical alarm modules are located in bedrooms in proximity of the bed. Up to 4 medical alarm contacts can be connected to the high, medium and low priority inputs.

1. Disconnect button -> Staff use only.
2. Test Alarm Button -> Staff use only.
3. Call (reassurance) LED ->
   LED to indicate call states according to the flashing patterns.
4. High, medium and low priority inputs.

Default multi medical alarm module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
HP alarm	R	
MP alarm	Y	
LP alarm	Y	
HP medical disconn.	R	
MP medical disconn.	Y	
LP medical disconn.	Y	

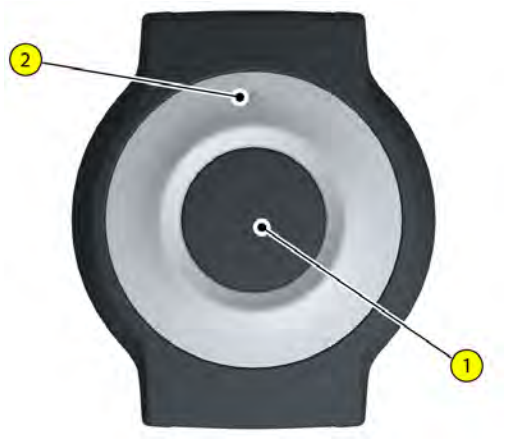
interval x 250ms

No Connection	W

Once every second
(white LED)

Mobile Transceiver

Mobile Transceiver - NITX



Mobile transceiver NITX with one button including reassurance LED.

Mobile transceiver modules are wireless call units for residents or patients that can be worn on the wrist or around the neck as a pendant.

1 Call button -> Press to make a call.
Single short press: for normal call.
Double short press: for normal call.
Triple short press: for normal call.
Long press: for assistance call.
Long press followed by a triple short press: For cancelling a call that was generated on this NITX.

2 Call (reassurance) LED ->
LED to indicate call states according to the flashing patterns.

Default mobile transceiver LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Auxiliary Alarm		

interval x 250ms

The LED flashing patterns stay visible on the NITX for 30 seconds after which the LED will switch off in order to save battery power.

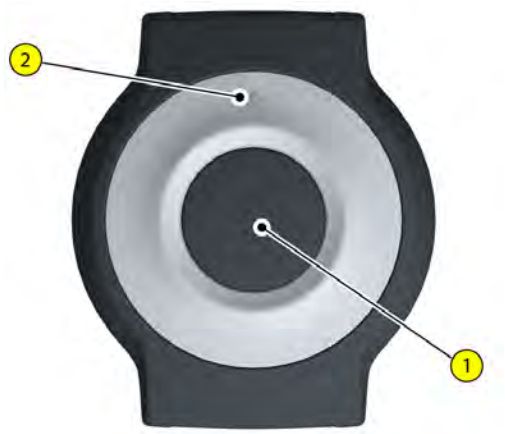
Unconfigured	

Once when pressed

* After the call button is pressed according to one of the sequences described (1), for 1 minute the NITX will be disabled from sending a call with the same sequence, for example when the sequence is repeated by the user.
If a user continuously presses the button, a normal call will be generated after the fourth press and the remaining presses will be ignored for 1 minute.

Mobile Transceiver with LF

Mobile Transceiver - NITX with LF



Default mobile transceiver LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Auxiliary Alarm		

interval x 250ms

The LED flashing patterns stay visible on the NITX for 30 seconds after which the LED will switch off in order to save battery power.

Unconfigured	

Once when pressed

Mobile transceiver NITX with one button including reassurance LED.

Mobile transceiver modules are wireless call units for residents or patients that can be worn on the wrist or around the neck as a pendant.

1 Call button -> Press to make a call.
Single short press: for normal call.
Double short press: for normal call.
Triple short press: for normal call.
Long press: for assistance call.
Long press followed by a triple short press: For cancelling a call that was generated on this NITX.

2 Call (reassurance) LED ->
LED to indicate call states according to the flashing patterns.

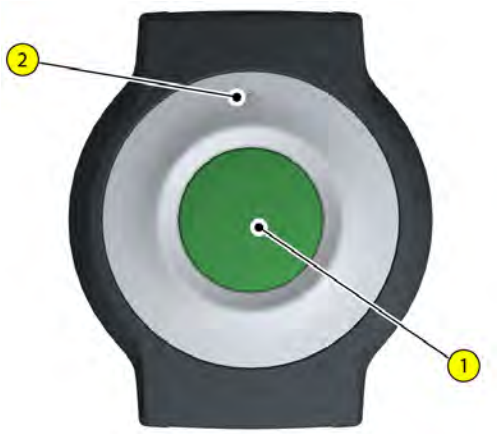
An NITX with LF supports sending "Enter location" and "Leave location" messages when in proximity of a location beacon NILF. Note that there will be no visual confirmation for location changes.

LF functionality can be used for wander, loiter and access control handling.

* After the call button is pressed according to one of the sequences described (1), for 1 minute the NITX will be disabled from sending a call with the same sequence, for example when the sequence is repeated by the user.
If a user continuously presses the button, a normal call will be generated after the fourth press and the remaining presses will be ignored for 1 minute.

Staff Transceiver with LF

Staff Transceiver - NITX



Staff transceiver NITX with one button including reassurance LED.

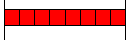
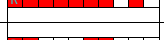
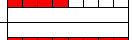
Staff transceiver modules are wireless call units for carer / staff members that can be worn on the wrist or around the neck as a pendant.

1. Call \ Cancel button ->
   Single short press: for cancelling wireless calls from mobile transceivers - NITX with LF that are carried by residents.
   Long press: for assistance call.
   Long press followed by a triple short press: For cancelling a call that was generated on this NITX.
2. Call (reassurance) LED ->
   LED to indicate call states according to the flashing patterns.

An NITX with LF supports sending "Enter location" and "Leave location" messages when in proximity of a location beacon NILF. Note that there will be no visual confirmation for location changes.

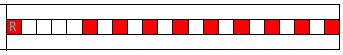
LF functionality can be used for wander, loiter and access control handling.

Default mobile transceiver LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Auxiliary Alarm		

interval x 250ms

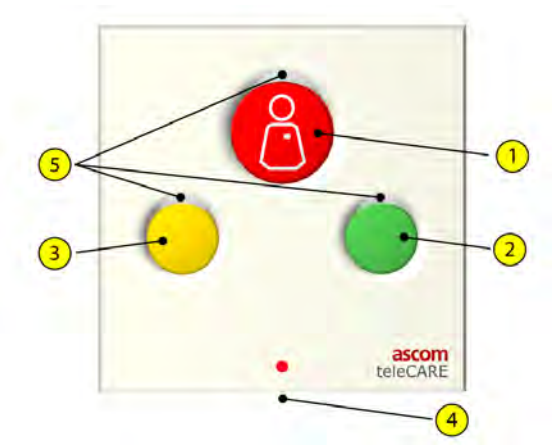
The LED flashing patterns stay visible on the NITX for 30 seconds after which the LED will switch off in order to save battery power.

Unconfigured	

Once when pressed

Fixed Transceiver with Socket

Default Fixed Transceiver - NIFX



Default fixed transceiver module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal	R	
Assistance	Y	
Emergency	G	
Auxiliary Alarm	R	

interval x 250ms

The LED flashing patterns stay visible on the NIFX for 30 seconds after which the LEDs will switch off in order to save battery power.

Unconfigured	R

Once when pressed

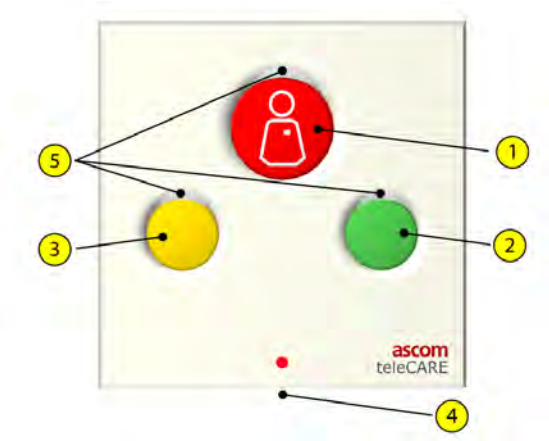
Fixed transceiver module with three buttons including reassurance LED. When powered by an external power supply, the LEDs permanently emit a low intensity light for night-time locating and identification in the dark.

Fixed transceiver modules are located in bedrooms in proximity of the bed. A Bedside Handset can be connected to the safe release connector.

1. Call button -> Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling calls.
   Long press: for emergency call.
3. Yellow button ->Staff use only.
   Press for assistance call.
4. Safe release connector for connecting Bedside Handsets. The red dot should line up with the red dot on the connector of the Bedside Handset.
5. Call (reassurance) LED ->
   LEDs to indicate call states according to the flashing patterns.

An NIFX also includes an LF receiver that can be used for location determination when the NIFX is mounted on a movable object like a bed or wheelchair.

Fixed Transceiver - NIFX for Check-In



Default fixed transceiver module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal	R	
Assistance	Y	
Emergency	G	
Auxiliary Alarm	R	
Check-In *	Y	

interval x 250ms

The LED flashing patterns stay visible on the NIFX for 30 seconds after which the LEDs will switch off in order to save battery power.

* As confirmation that the yellow (check-in) button has been pressed, the yellow LED will light up for about two seconds.

Unconfigured	R

Once when pressed

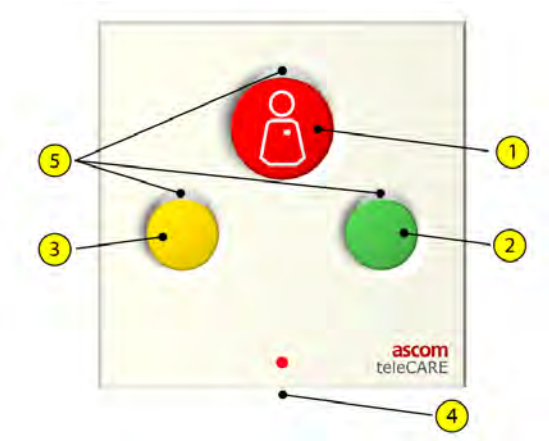
Fixed transceiver module with three buttons including reassurance LED. When powered by an external power supply, the LEDs permanently emit a low intensity light for night-time locating and identification in the dark.

Fixed transceiver modules are located in bedrooms in proximity of the bed. A Bedside Handset can be connected to the safe release connector.

1. Call button -> Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling calls.
   Long press: for emergency call.
3. Yellow button -> Resident / Staff
   Short press: to check-in.
   Long press: for assistance call.
4. Safe release connector for connecting Bedside Handsets. The red dot should line up with the red dot on the connector of the Bedside Handset.
5. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.

An NIFX also includes an LF receiver that can be used for location determination when the NIFX is mounted on a movable object like a bed or wheelchair.

Fixed Transceiver - NIFX with Presence 1



Default fixed transceiver module LED flashing patterns.

	Flashing Patterns		
Call Type	**teleCARE IP**		**VDE**
Normal	R		
Assistance	Y		
Emergency	G		
Auxiliary Alarm	R		
Presence 1	G		

interval x 250ms

The LED flashing patterns stay visible on the NIFX for 30 seconds after which the LEDs will switch off in order to save battery power.

Unconfigured	R

Once when pressed

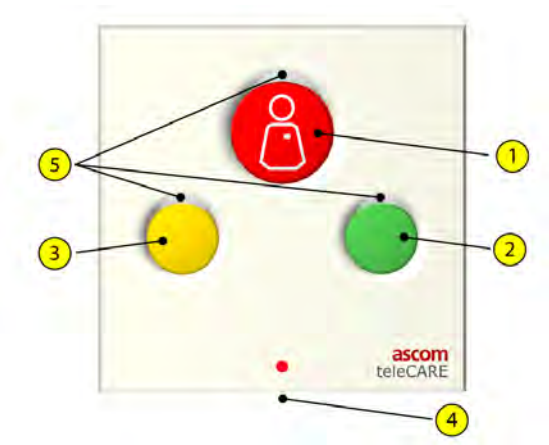
Fixed transceiver module with three buttons including reassurance LED. When powered by an external power supply, the LEDs permanently emit a low intensity light for night-time locating and identification in the dark.

Fixed transceiver modules are located in bedrooms in proximity of the bed. A Bedside Handset can be connected to the safe release connector.

1. Call button -> Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling calls.
   Long press: for emergency call.
3. Yellow button -> Staff use only
   Press: for assistance call.
4. Safe release connector for connecting Bedside Handsets. The red dot should line up with the red dot on the connector of the Bedside Handset.
5. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.

An NIFX also includes an LF receiver that can be used for location determination when the NIFX is mounted on a movable object like a bed or wheelchair.

Fixed Transceiver - NIFX with Presence 1 and 2



Default fixed transceiver module LED flashing patterns.

	Flashing Patterns		
Call Type	**teleCARE IP**		**VDE**
Normal	R		
Assistance	Y		
Emergency	G		
Auxiliary Alarm	R		
Presence 1	G		
Presence 2	Y		

interval x 250ms

The LED flashing patterns stay visible on the NIFX for 30 seconds after which the LEDs will switch off in order to save battery power.

Unconfigured	R

Once when pressed

Fixed transceiver module with three buttons including reassurance LED. When powered by an external power supply, the LEDs permanently emit a low intensity light for night-time locating and identification in the dark.

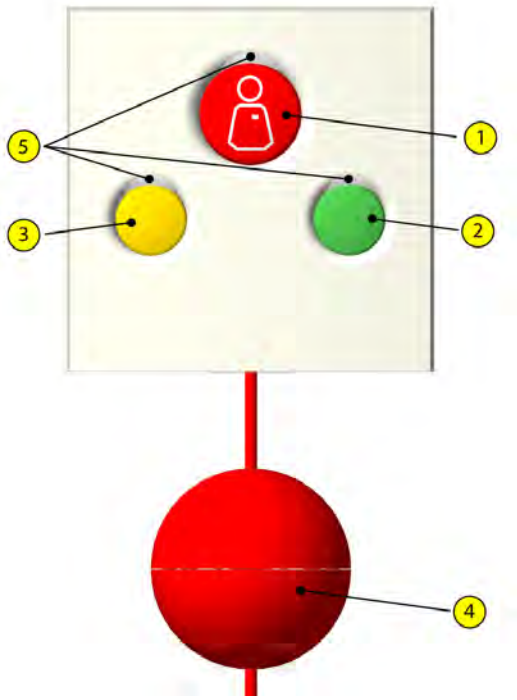
Fixed transceiver modules are located in bedrooms in proximity of the bed. A Bedside Handset can be connected to the safe release connector.

1. Call button -> Press to make a call.
2. Green button -> Staff use only.
   Short press: for presence 1 on/off and cancelling calls.
   Long press: for emergency call.
3. Yellow button -> Staff use only
   Short press: for presence 2 on/off and cancelling calls.
   Long press: for assistance call.
4. Safe release connector for connecting Bedside Handsets. The red dot should line up with the red dot on the connector of the bedside Handset.
5. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.

An NIFX also includes an LF receiver that can be used for location determination when the NIFX is mounted on a movable object like a bed or wheelchair.

Fixed Transceiver with Pull Cord

Default Fixed Transceiver - NIFX with Pull Cord



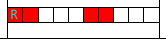
Fixed transceiver module with pull cord and three buttons including reassurance LED. When powered by an external power supply, the LEDs permanently emit a low intensity light for night-time locating and identification in the dark.

Fixed transceiver modules are located in bedrooms in proximity of the bed.

1. Call button -> Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling calls.
   Long press: for emergency call.
3. Yellow button ->Staff use only.
   Press for assistance call.
4. Pull Cord: Pull to make a call.
5. Call (reassurance) LED ->
   LEDs to indicate call states according to the flashing patterns.

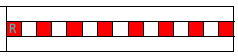
An NIFX also includes an LF receiver that can be used for location determination when the NIFX is mounted on a movable object.

Default fixed transceiver module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Emergency		
Auxiliary Alarm		

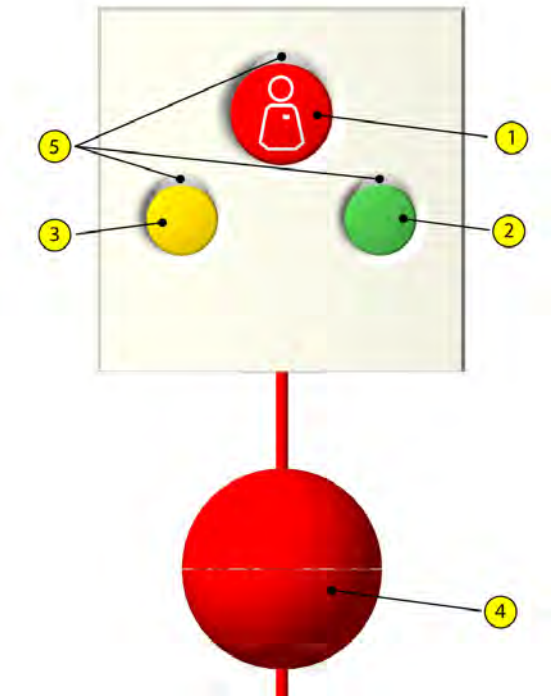
interval x 250ms

The LED flashing patterns stay visible on the NIFX for 30 seconds after which the LEDs will switch off in order to save battery power.

Unconfigured	

Once when pressed

Fixed Transceiver - NIFX with Pull Cord and Presence 1



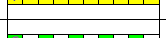
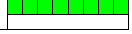
Fixed transceiver module with pull cord and three buttons including reassurance LED. When powered by an external power supply, the LEDs permanently emit a low intensity light for night-time locating and identification in the dark.

Fixed transceiver modules are located in bedrooms in proximity of the bed.

1. Call button -> Press to make a call.
2. Green button -> Staff use only.
   Short press: for cancelling calls.
   Long press: for emergency call.
3. Yellow button -> Staff use only
   Press: for assistance call.
4. Pull Cord: Pull to make a call.
5. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.

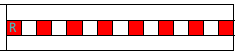
An NIFX also includes an LF receiver that can be used for location determination when the NIFX is mounted on a movable object.

Default fixed transceiver module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		
Emergency		
Auxiliary Alarm		
Presence 1		

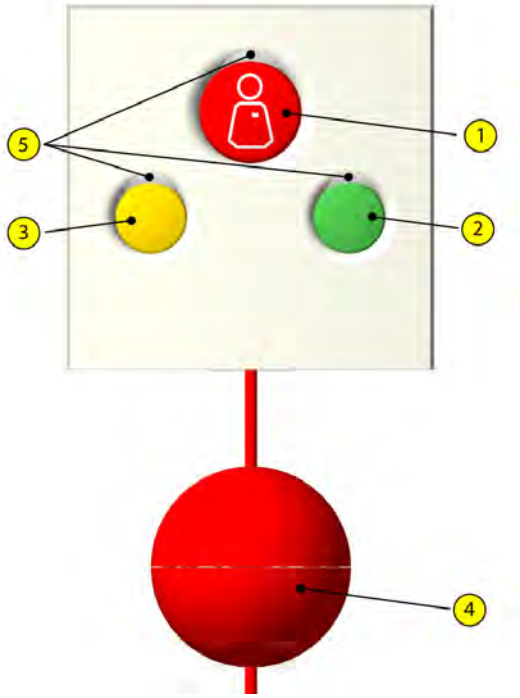
interval x 250ms

The LED flashing patterns stay visible on the NIFX for 30 seconds after which the LEDs will switch off in order to save battery power.

Unconfigured	

Once when pressed

Fixed Transceiver - NIFX with Pull Cord, Presence 1 and 2



Default fixed transceiver module LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal	R	
Assistance	Y	
Emergency	G	
Auxiliary Alarm	R	
Presence 1	G	
Presence 2	Y	

interval x 250ms

The LED flashing patterns stay visible on the NIFX for 30 seconds after which the LEDs will switch off in order to save battery power.

Unconfigured	R

Once when pressed

Fixed transceiver module with pull cord and three buttons including reassurance LED. When powered by an external power supply, the LEDs permanently emit a low intensity light for night-time locating and identification in the dark.

Fixed transceiver modules are located in bedrooms in proximity of the bed.

1. Call button -> Press to make a call.
2. Green button -> Staff use only.
   Short press: for presence 1 on/off and cancelling calls.
   Long press: for emergency call.
3. Yellow button -> Staff use only
   Short press: for presence 2 on/off and cancelling calls.
   Long press: for assistance call.
4. Pull Cord: Pull to make a call.
5. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.

An NIFX also includes an LF receiver that can be used for location determination when the NIFX is mounted on a movable object.

Location Beacon

LF Location Beacon

LF location beacon with status LED.

LF location beacons are located near doorways.In combination with wireless modules location beacons are used for wander, loiter and access control.

1 Status LED.

Default LF beacon LED flashing patterns.

	Flashing Patterns		
Status	**teleCARE IP**		**VDE**
Tamper alarm			
Low Battery alarm *			

interval x 250ms

* Low battery indication once every minute.

LF Location Beacon with NIRX

LF location beacon with status LED.

LF location beacons are located near doorways.In combination with wireless modules location beacons are used for wander, loiter and access control.

1 Status LED.

The LF location beacon has been extended with a transceiver module NIRX to enable remote supervision signalling of a heartbeat, low battery warning and tamper warning.

Default LF beacon LED flashing patterns.

	Flashing Patterns		
Status	**teleCARE IP**		**VDE**
Tamper alarm			
Low Battery alarm *			

interval x 250ms

* Low battery indication once every minute.

Wireless Repeater

Wireless Repeater

Wireless repeater including status LED.

A wireless infrastructure can be achieved by placing wireless repeaters at various locations in order to ensure adequate RF coverage at the site.

1 Status LED.

Wireless repeater status LED flashing patterns.

	Flashing Patterns		
Status	**teleCARE IP**		**VDE**
Normal Operation	B		
Searching for 2G4	G		
Error	R		

interval x 250ms

Wireless Universal Transceiver

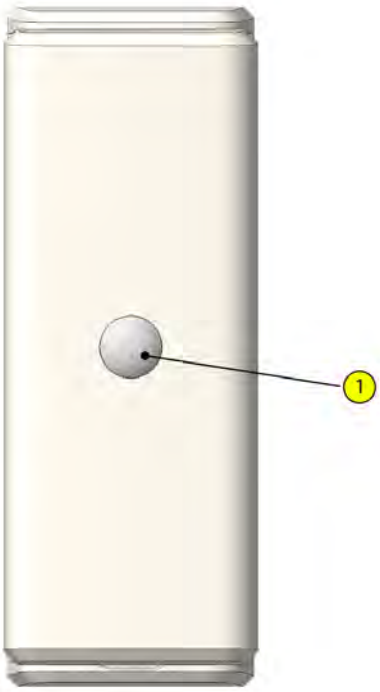
Wireless Universal Transceiver - NUUTX

The wireless universal transceiver does not contain any LEDs to inform the user of its state. Device monitoring is done remotely through the wireless infrastructure via wireless heartbeat transmissions.

Wireless universal transceivers are located in a residents room near windows or doors where the integrated (bi-polar magnetic sensor) is used to detect the open or closed state of a window or door. The NUUTX also has two inputs that can be used to interface external alerts coming from a wide variety of detectors.

Wireless Motion Detector

Wireless Passive Infrared Module - NUWIR



Wireless PIR modules include a passive infrared sensor used for motion detection.

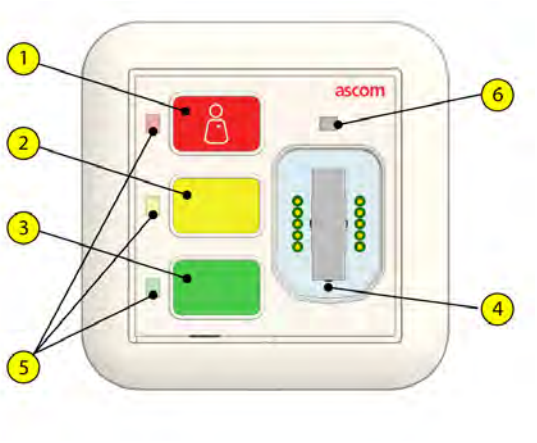
Wireless PIR modules are located in a residents room placed at locations where motion detection is required.

1. Fresnel lens covering the passive infrared module.

Mounted on the circuit board is an LED that is to be used during installation to perform an IR range test. The LED will only function for 60 seconds after inserting the batteries, see the Installation guide for detailed instructions.

Wireless Bed Modules

Wireless Bed Module - NUWBM3



Default wireless bed module LED flashing patterns.

	Flashing Patterns		
Call Type	**teleCARE IP**		**VDE**
Normal	R		
Assistance	Y		
Emergency	G		

interval x 250ms

The LED flashing patterns stay visible on the NUWBM3 for 30 seconds after which the LEDs will switch off in order to save battery power.

Unconfigured (Top)	R
Unconfigured (Middle)	Y
Unconfigured (Bottom)	G

Once when pressed

Note that for the NUWBM3 the Call (reassurance) colors are depending on the button inserts that are inserted into the module.

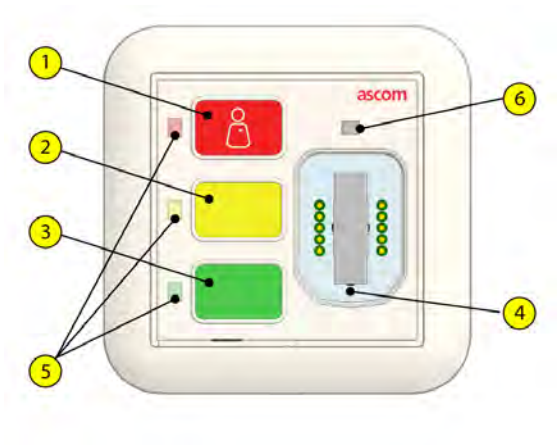
Wireless Bed module with three buttons including reassurance LED.

Bedside modules are located in bedrooms in proximity of the bed. A NUHS1B 1-button Bedside Handset can be connected to the Bedside Module.

1. Call button -> Press to make a call.
2. Yellow button -> Staff use only.
   Press for assistance call.
3. Green button -> Staff use only.
   Short press: for cancelling calls.
   Long press: for emergency call.
4. Ascom SafeConnect socket for connecting the NUHS1B 1-button bedside handset.
5. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.
6. Handset connected LED. LED to indicate a bedside handset is connected. *

* Note that the handset connected LED only lights up for about two seconds after inserting the bedside handset connector.

Wireless Bed Module - NUWBM3 with Presence 1



Default fixed transceiver module LED flashing patterns.

	Flashing Patterns		
Call Type	**teleCARE**		**VDE**
Normal	R		
Assistance	Y		
Emergency	G		
Presence 1	G		

interval x 250ms

The LED flashing patterns stay visible on the NUWBM3 for 30 seconds after which the LEDs will switch off in order to save battery power.

Unconfigured (Top)	R
Unconfigured (Middle)	Y
Unconfigured (Bottom)	G

Once when pressed

Note that for the NUWBM3 the Call (reassurance) colors are depending on the button inserts that are inserted into the module.

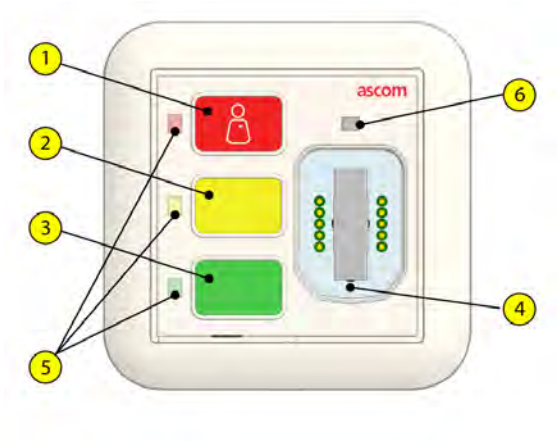
Wireless Bed module with three buttons including reassurance LED.

Bedside modules are located in bedrooms in proximity of the bed. A NUHS1B 1-button Bedside Handset can be connected to the Bedside Module.

1. Call button -> Press to make a call.
2. Yellow button -> Staff use only
   Press: for assistance call.
3. Green button -> Staff use only.
   Short press: for presence 1 on/off and cancelling calls.
   Long press: for emergency call.
4. Ascom SafeConnect socket for connecting the NUHS1B 1-button bedside handset.
5. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.
6. Handset connected LED. LED to indicate a bedside handset is connected. *

* Note that the handset connected LED only lights up for about two seconds after inserting the bedside handset connector.

Wireless Bed Module - NUWBM3 with Presence 1 and 2



Default fixed transceiver module LED flashing patterns.

	Flashing Patterns		
Call Type	**teleCARE**		**VDE**
Normal	R		
Assistance	Y		
Emergency	G		
Presence 1	G		
Presence 2	Y		

interval x 250ms

The LED flashing patterns stay visible on the NUWBM3 for 30 seconds after which the LEDs will switch off in order to save battery power.

Unconfigured (Top)	R
Unconfigured (Middle)	Y
Unconfigured (Bottom)	G

Once when pressed

Note that for the NUWBM3 the Call (reassurance) colors are depending on the button inserts that are inserted into the module.

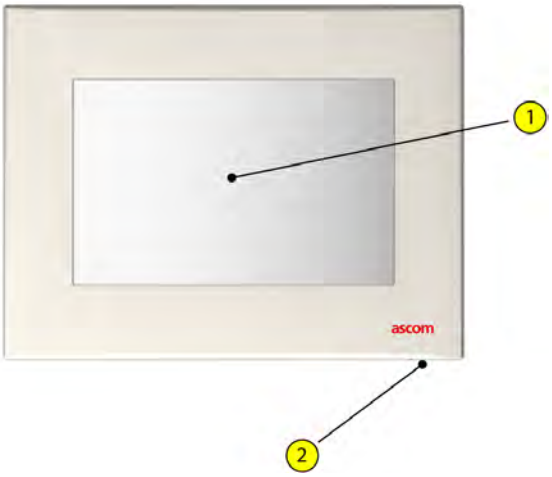
Wireless Bed module with three buttons including reassurance LED.

Bedside modules are located in bedrooms in proximity of the bed. A NUHS1B 1-button Bedside Handset can be connected to the Bedside Module.

1. Call button -> Press to make a call.
2. Yellow button -> Staff use only
   Short press: for presence 2 on/off and cancelling calls.
   Long press: for assistance call.
3. Green button -> Staff use only.
   Short press: for presence 1 on/off and cancelling calls.
   Long press: for emergency call.
4. Ascom SafeConnect socket for connecting the NUHS1B 1-button bedside handset.
5. Call (reassurance) LEDs ->
   LEDs to indicate call states according to the flashing patterns.
6. Handset connected LED. LED to indicate a bedside handset is connected. *

* Note that the handset connected LED only lights up for about two seconds after inserting the bedside handset connector.

Room Controller



Status LED flashing patterns

NIRC - Status color	Status
Steady blue	Normal operation
Steady orange	Starting-up *
Fast blue flashing	Application start-up
Steady orange	Image installation mode **

* For about 22 seconds after power on or reboot.

** The NIRC3 will end up in image installation mode after 4 unsuccessful boot attempts.

Room Controller Corridor Lamp is used to optically and acoustically signal call information and presence.

Both the optical and acoustical signalling can be customer specifically configured

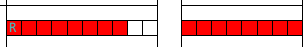
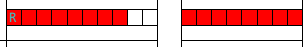
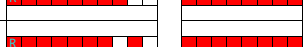
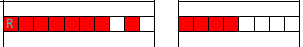
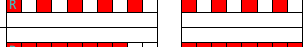
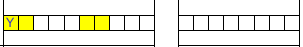
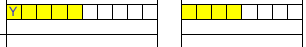
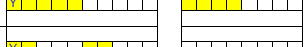
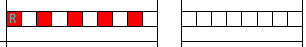
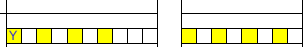
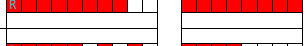
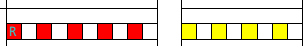
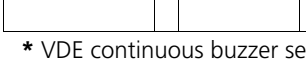
1. Four colored LED lamps for signalling calls. One buzzer for acoustically signalling calls.
2. LED for signalling the status of the Room Controller module.

For linked signalling flashing patterns see see "Linked Signalling Flashing Patterns" on page 46.

The type of lamp that can be selected for the room controller is conform the lamp fields as used for the corridor lamps, see "Corridor Lamps" on page 47.

Linked Signalling Flashing Patterns

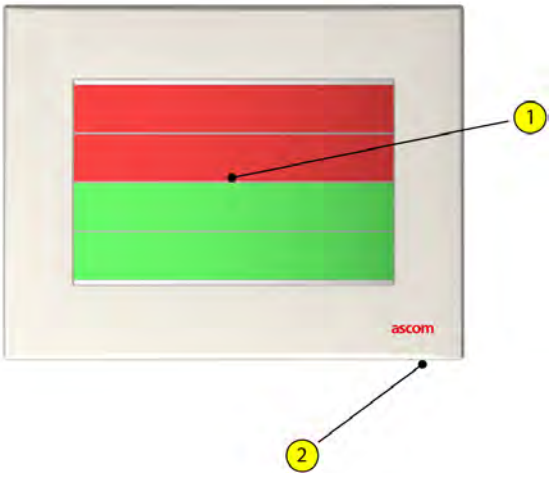
Default room controller lamp flashing patterns for linked signalling and forwarding buzzer sequences.

	Flashing Patterns		Forwarding Buzzer		
Call Type	**teleCARE IP**	**VDE**	**teleCARE IP**	**VDE**	
Normal					
Acoustic					
Auxiliary alarm					
Removal alarm					
Toilet					
Assistance (Passive)					*
Assistance					*
Emergency (passive)					*
Emergency					*
Medical alarm					*
Low priority alarm (MMA)					*
Low priority disconnect (MMA)					*
LP Med. mod. disconnect (MMA)					
Medium priority alarm (MMA)					*
Medium priority disconnect (MMA)					*
MP Med. mod. disconnect (MMA)					
High priority alarm (MMA)					*
High priority disconnect (MMA)					*
HP Med. mod. disconnect (MMA)					
Device disconnected					
Lamp power failure					
LAN Failure					
Peripheral lost					
Presence 1					
Presence 2					
Battery alarm					
Technical alarm					
Door alarm					
Tamper alarm					*
	2.5 second cycle repeated	2 second cycle repeated	2.5 second cycle + 7.5 second silent time repeated	2 second cycle + 18 second silent time repeated	

***** VDE continuous buzzer sequences without silent time.

Corridor Lamps

Corridor Lamp - 2 Fields



Corridor Lamps are used to optically and acoustically signal call information and presence. Both the optical and acoustical signalling can be customer specifically configured.

1. Four fields:
   Top field with red LED.
   Above center field with red LED.
   Below center field with green LED.
   Bottom field with green LED.
2. LED for signalling the status of the Slave Lamp module.

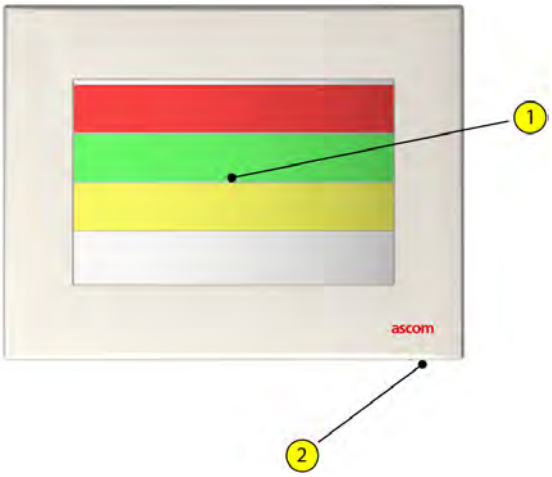
The buzzer for acoustically signalling calls is mounted internally.

For linked signalling flashing patterns see see “Linked Signalling Flashing Patterns” on page 51.

Status LED flashing patterns.

NICL - Status color	Status
Steady blue	Normal operation
Flashing red	No room bus connection

Corridor Lamp - 3 Fields



Corridor Lamps are used to optically and acoustically signal call information and presence. Both the optical and acoustical signalling can be customer specifically configured.

1. Four fields:
   Top field with red LED.
   Above center field with green LED.
   Below center field with yellow LED.
   Bottom field not used.
2. LED for signalling the status of the Slave Lamp module.

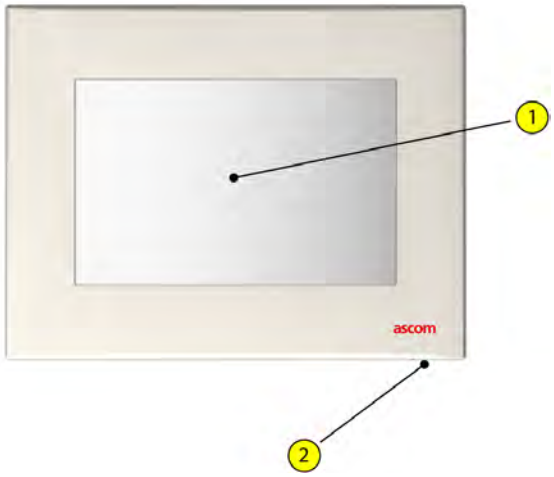
The buzzer for acoustically signalling calls is mounted internally.

For linked signalling flashing patterns see see “Linked Signalling Flashing Patterns” on page 51.

Status LED flashing patterns.

NICL - Status color	Status
Steady blue	Normal operation
Flashing red	No room bus connection

Corridor Lamp - No Fields (Buzzer only)



Corridor Lamps are used to optically and acoustically signal call information and presence. Both the optical and acoustical signalling can be customer specifically configured.

1. Four fields:
   Top field not used.
   Above center field not used.
   Below center field not used.
   Bottom field not used.
2. LED for signalling the status of the Slave Lamp module.

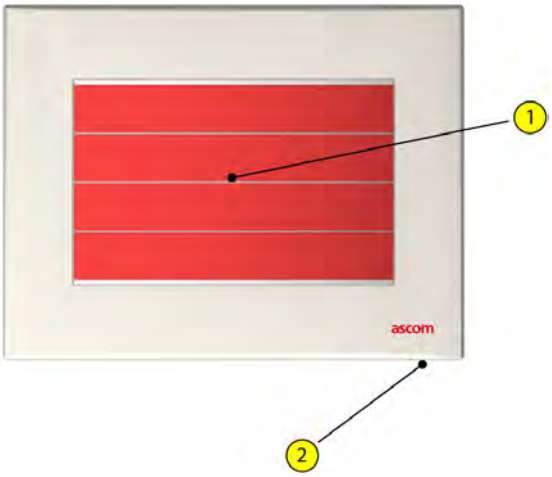
The buzzer for acoustically signalling calls is mounted internally.

For linked signalling flashing patterns see see "Linked Signalling Flashing Patterns" on page 51.

Status LED flashing patterns.

NICL - Status color	Status
Steady blue	Normal operation
Flashing red	No room bus connection

Corridor Lamp - Toilet Direction Lamp



Corridor Lamps are used to optically and acoustically signal call information and presence. Both the optical and acoustical signalling can be customer specifically configured.

1. Four fields:
   Top field with red LED.
   Above center field with red LED.
   Below center field with red LED.
   Bottom field with red LED.
2. LED for signalling the status of the Slave Lamp module.

The buzzer for acoustically signalling calls is mounted internally.

For linked signalling flashing patterns see see “Linked Signalling Flashing Patterns” on page 51.

Status LED flashing patterns.

NICL - Status color	Status
Steady blue	Normal operation
Flashing red	No room bus connection

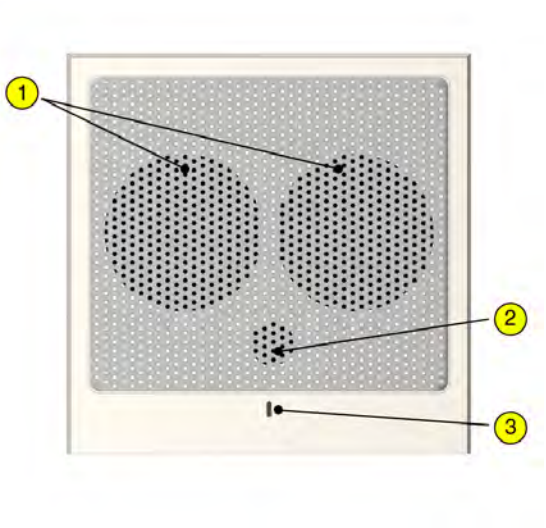
Linked Signalling Flashing Patterns

Default corridor lamp flashing patterns for linked signalling and forwarding buzzer sequences.

	Flashing Patterns		Forwarding Buzzer		
Call Type	**teleCARE IP**	**VDE**	**teleCARE IP**	**VDE**	
Acoustic					
Normal					
Auxiliary alarm					
Removal alarm					
Toilet					
Assistance (Passive)					*
Assistance					*
Emergency (passive)					*
Emergency					*
Medical alarm					*
Low priority alarm (MMA)					*
Low priority disconnect (MMA)					*
LP Med. mod. disconnect (MMA)					
Medium priority alarm (MMA)					*
Medium priority disconnect (MMA)					*
MP Med. mod. disconnect (MMA)					
High priority alarm (MMA)					*
High priority disconnect (MMA)					*
HP Med. mod. disconnect (MMA)					
Device disconnected					
LAN Failure					
Peripheral lost					
Presence 1					
Presence 2					
Battery alarm					
Technical alarm					
Door alarm					
Tamper alarm					*
	2.5 second cycle repeated	2 second cycle repeated	2.5 second cycle + 7.5 second silent time repeated	2 second cycle + 18 second silent time repeated	

***** VDE continuous buzzer sequences without silent time.

Speech Module



The speech module is located in proximity of the bed and needs to be combined with a call module. This module is part of a two way speech system for direct communications between staff and caller.

1. Dual Loudspeakers.
2. Microphone in combination with the loudspeakers for two way communication.
3. LED indicator for speech direction. Green is for speak, red for listen.

Duty Selector

The Duty Selector is located in the staff area for selecting a Duty state.

1. The "-" button decreases the Duty state by one.
2. The "+" button increases the Duty state by one.

Bedside Handsets

Bedside Handset with 1 Button

The Bedside handset with 1 button has 1 large red call button with reassurance LEDs.

1 Call button ->
Press to make a call.

1a Call reassurance LEDs ->
Red reassurance LEDs to indicate that a call has been made. Permanently emits a low intensity light for night locating and identification in the dark.

Default 1 button bedside handset LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		

interval x 250ms

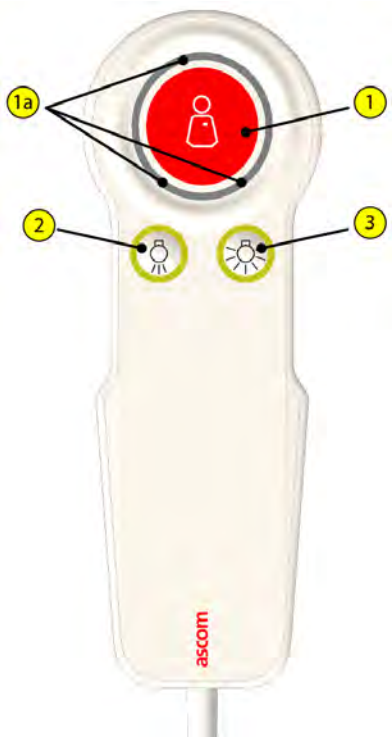
Unconfigured	

while pressed

No Connection	

Once every second

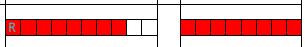
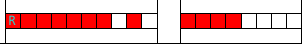
Bedside Handset with 3 Buttons



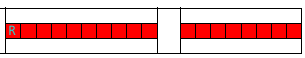
Bedside handset with 3 buttons, 1 large red call button with reassurance LEDs and 2 light switching buttons.

1. Call button ->
   Press to make a call.
1a. Call reassurance LEDs -> Red reassurance LEDs to indicate that a call has been made. Permanently emits a low intensity light for night locating and identification in the dark.
2. Light switching button 1 -> Press to switch the light "on" or "off", for example the bedlight (reading light). Permanently emits a low intensity light for night locating and identification in the dark.
3. Light switching button 2 -> Press to switch the light "on" or "off", for example the room light. Permanently emits a low intensity light for night locating and identification in the dark.

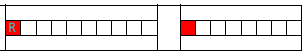
Default 3 button bedside handset LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		

interval x 250ms

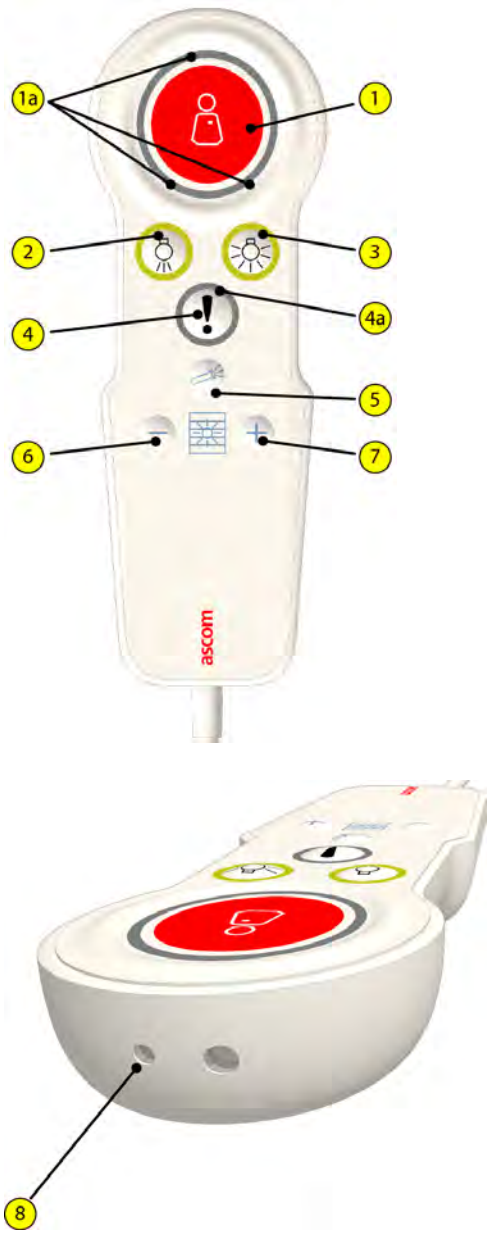
Unconfigured		

while pressed

No Connection		

Once every second

Bedside Handset with 7 Buttons



Default 7 button bedside handset LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		

interval x 250ms

Unconfigured	

while pressed

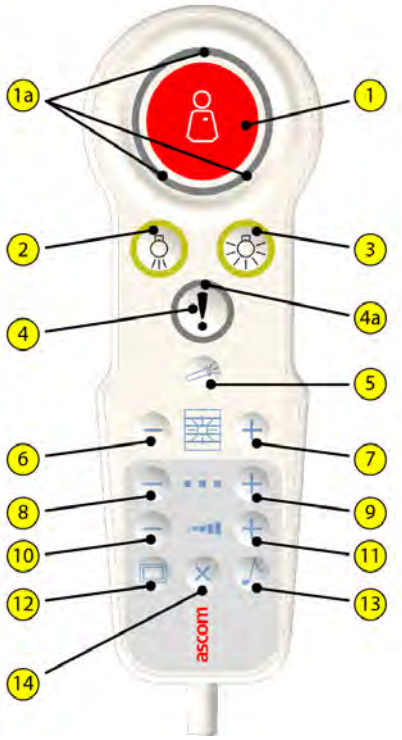
No Connection	

Once every second

The bedside handset with 7 buttons has 1 large red call button with reassurance LEDs, 2 light switching buttons, 1 service button, 1 flash-light button and 2 sunblind control buttons.

1. Call button ->
   Press to make a call.
1a. Call reassurance LEDs -> Red reassurance LEDs to indicate that a call has been made. Permanently emits a low intensity light for night locating and identification in the dark.
2. Light switching button 1 -> Press to switch the light “on” or “off”, for example the bedlight (reading light). Permanently emits a low intensity light for night locating and identification in the dark.
3. Light switching button 2 -> Press to switch the light “on” or “off”, for example the room light. Permanently emits a low intensity light for night locating and identification in the dark.
4. Service call button -> Press to make a low priority service call, for example to ask for coffee or tea.
4a. Service call reassurance LEDs -> Reassurance LEDs to indicate that a service call has been made. Permanently emits a low intensity light for night locating and identification in the dark.
5. Flashlight button -> Press to operate the flashlight functionality of the bedside handset. Depending on the system configuration this can be a push and hold or a short press (toggle) function to switch the flashlight on or off.
6. Sunblind control button “-” -> Press to raise the sunblinds.
7. Sunblind control button “+” -> Press to lower the sunblinds.
8. Flashlight ->
   The flashlight is controlled by the “Flashlight” button (5).

Bedside Handset with 14 Buttons



Default 14 button bedside handset LED flashing patterns.

	Flashing Patterns	
Call Type	**teleCARE IP**	**VDE**
Normal		
Assistance		

interval x 250ms

Unconfigured	

while pressed

No Connection	

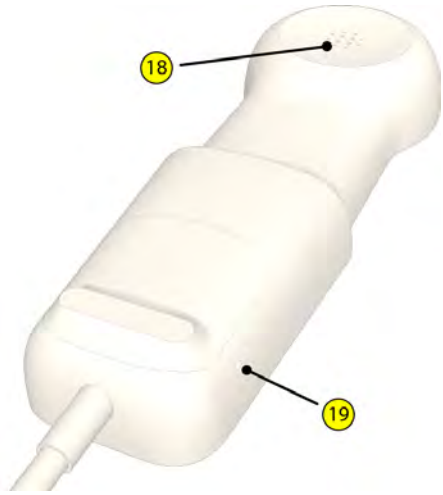
Once every second

The Bedside handset with 14 buttons has 1 large red call button with reassurance LEDs, 2 light switching buttons, 1 service button, 1 flashlight button, 2 sunblind control buttons, 2 volume control buttons, 2 channel selection buttons, 1 tv button, 1 radio button and 1 radio/ tv off button.

1. Call button -> Press to make a call.
1a. Call reassurance LEDs -> Red reassurance LEDs to indicate that a call has been made. Permanently emits a low intensity light for night locating and identification in the dark.
2. Light switching button 1 -> Press to switch the light “on” or “off”, for example the bedlight (reading light). Permanently emits a low intensity light for night locating and identification in the dark.
3. Light switching button 2 -> Press to switch the light “on” or “off”, for example the room light. Permanently emits a low intensity light for night locating and identification in the dark.
4. Service call button -> Press to make a low priority service call, for example to ask for coffee or tea.
4a. Service call reassurance LEDs -> Reassurance LEDs to indicate that a service call has been made. Permanently emits a low intensity light for night locating and identification in the dark.
5. Flashlight button -> Press to operate the flashlight functionality of the bedside handset. Depending on the system configuration this can be a push and hold or a short press (toggle) function to switch the flashlight on or off.
6. Sunblind control button “-” -> Press to raise the sunblinds.
7. Sunblind control button “+” -> Press to lower the sunblinds.

Continued on the next page:

Bedside Handset with 14 Buttons (continued)



8 * Channel selection button "-" ->
Press to step backwards through the Radio or TV channels.

9 * Channel selection button "+" ->
Press to step forwards through the Radio or TV channels.

10 * Volume control button "-" ->
Press to decrease the Radio or TV volume.

11 * Volume control button "+" ->
Press to increase the Radio or TV volume.

12 * TV selector button ->
Press to switch the TV "On".
The Radio will be switched "Off" automatically.

13 * Radio selector button ->
Press to switch the Radio "On".
The TV will be switched "Off" automatically.

14 * Radio / TV "Off" button ->
Press to switch the Radio or TV "Off".

15 Flashlight ->
The flashlight is controlled by the "Flashlight" button (5).

16 Infrared TV control ->
Must be pointed towards the TV when operating the TV control buttons (8 to 14).

17 Headphone connector ->
Plug in a headphone to listen to the Radio or TV. The headphone will be detected automatically. When switching the Radio or TV on, the bedside handsets internal speaker will be muted.

18 Build in speaker ->
Used for speech communication and when listening to the Radio or TV.

19 Build in microphone ->
Used for speech communication.

* *When operating the TV, remember to point the bedside handset towards the TV.*

Document History

Version	Date	Description
A	2018-04-23	First Release
B	9 April 2019	Wrong order of the Bedside Handset sunblind control buttons corrected. Correct order is: "-" = raise and "+" = lower the sunblinds. See "Bedside Handsets" on page 54.
C	8 November 2019	Statement for a 1 minute button ignore time has been added to the NITX sequences. See "Mobile Transceiver" on page 27. See "Mobile Transceiver with LF" on page 28.