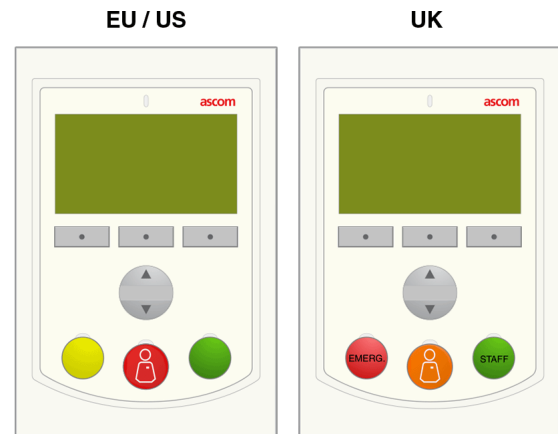


## Room Display

### Features

- Interactive Messaging (IM) display combined with teleCARE doorside module functionality and RFID card reader
- Backlit LCD graphical display with large, easy to read characters
- Easy to clean membrane covering the display and incorporating the buttons, keys and LEDs
- 3 teleCARE button switch integrated LEDs
- 3 function keys and an up/down scroll button for controlling the display and speech
- Speaker for acoustic signalling of calls and a three-color LED to indicate the type of call
- Can be combined with the teleCARE IP speech module in speech systems
- Available with gray or white body



### Description

The teleCARE IP room display combines a doorside module, a room display and an RFID card reader in a wall mounted module.

The room display has an easy to clean EBA polyester film membrane which covers the display and incorporates the buttons, keys and the LEDs.

The room display includes three teleCARE call buttons. Each of these buttons has an LED which illuminates to indicate the activated condition.

Three function keys and a scroll button are included for controlling the display and speech.

The backlit graphic LCD screen measures 63mm x 35mm / 2.4 x 1.4 inches. It displays large, easy to read characters. The room display can store and display up to 20 messages. The LCD display shows time (and date when the display is in idle).

The room display includes a buzzer speaker which signals the configured beep codes for the received messages. A three-color LED located above the display can be configured to emphasise the category.

The room display can be combined with the teleCARE IP Speech Module (NISP). This combination enables

speech contact for call types which are configured to support speech.

The room display is an active module connected to the teleCARE IP room bus by a 4-pole connector. The room display has the fixed combined room bus addresses 6 and 7.

The room display has a 5-pole connector for the teleCARE IP speech module and a 4-pole connector for supporting a passive peripheral bus.

**Note:** The 4-pole connector terminal required for the room bus and the 8-pole connector terminal which is required to connect the room bus and a passive peripheral bus are not supplied with the room display. They are available as accessories and must be ordered separately.



There are two dedicated backplates available for the room display: a short backplate for stand-alone mounting and a long backplate for combining the room display with the speech module.

**Note:** The backplates are not supplied with the product. The appropriate backplate must be ordered separately.

## Technical Specifications

Markets:		EU	US	UK	ANZ
<b>Item number</b>	<b>NIRD-GAA:</b> body gray (NCS S 2005 - R80B)	•			
	<b>NIRD-WAA:</b> body white (NCS 0603-G80Y)	•	•		
	<b>NIRD-WBA:</b> body white (NCS 0603-G80Y)			•	
<b>Button Colors</b>	Red: (NCS S 0580 - Y90R)				
	Green: (NCS S 2060 - G)				
	Yellow: (NCS S0550 - G90Y)				
	Amber: (NCS S 2070-Y50R)				
	Gray: (NCS S2060 - G)				
<b>Housing material</b>	PC/ABS, Flammability class: HB Front membrane: EBA polyester				
<b>Dimensions</b>	135 x 91 x 20 mm / 5.32 x 3.58 x 0.79 inch (W x H x D)				
<b>Installed dimensions</b>	135 x 91 x 19 mm / 5.32 x 3.58 x 0.75 inch (W x H x D)				
<b>Electrical connections</b>	1 x 4-pin connector for the room bus				
	1 x 4-pin connector for the passive bus				
	1 x 5-pin connector for the speech module				
<b>Power input</b>	5.5Vdc (from the room bus) Minimum acceptable input voltage: 4.5V/DC				
<b>Current consumption</b>	Idle:25mA: display dim Max. 70mA: display on (Peak 150mA: when signaling)				
<b>LCD display size:</b>	128 x 64 pixels, monochrome				
<b>Card reader:</b>	MIFARE Classic				
<b>Processor:</b>	ATXmega 32A4, 10 MHz				
<b>Environment:</b>	Operating temperature: 0°C to 40°C / 32°F to 104°F Storage temperature: -25°C to 55°C / -13°F to 131°F Relative Humidity: 30 to 85% (non condensing) Enclosure protection rating: IP40	•		•	
	<b>Environment:</b> (UL 2560 installations) Operating temperature: 10°C to 49°C / 50°F to 120°F Storage temperature: -25°C to 55°C / -13°F to 131°F Relative Humidity: 0 to 95%, non condensing at 40°C / 104°F Enclosure protection rating: IP40		•		

Continued on the next page:

Markets:		EU	US	UK	ANZ
<b>Regulatory Compliance EU/EFTA</b>  <p>VDE 0834 RoHS 2011/65/EU and Radio Equipment Directive 2014/53/EU Complies with the relevant dates and amendments of the following EN standards (the valid references to dates and amendments are stated in the Declaration of Conformity): EN 301 489-1 EN 301 489-3 EN 300 330 EN 60950-1 HTM08-03</p>		•		•	
<b>Regulatory Compliance US/CAN</b>  <p>ANSI/UL 2560 CAN/CSA C22.2 No. 205 FCC part 15C RSS 210</p>			•		
<b>Accessories:</b>	NICT-4AA: Connector terminal 4-pole				
	NICT-8AA Connector terminal 8-pole for room bus with passive bus				
	660359: Short backplate room display only (gray)				
	660360: Short backplate room display only (white)				
	660361: Long backplate for combination with NISP (gray)				
	660362: Long backplate for combination with NISP (white)				
	<b>Note:</b> The NIRD room display is not compatible with the teleCARE switch module backplates and it is not compatible with the teleCARE surface mounting spacers.				