

DATA SHEET



Room Display (NURD-Hx)

Features

- Interactive Messaging (IM) display
- Module is an RFID device with a 13.56MHz carrier frequency
- Supported cards: Mifare Classic / Ultralight/ DesFire
- Proximity smartcards for staff presence
- Active module to connect to the room bus
- Audible and optical confirmation of card reader response
- Backlit LCD graphical display with large, easy to read characters
- Easy to clean membrane covering the display and incorporating the buttons, keys and LEDs
- Customizable call buttons with 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 tri-color LED to indicate the type of call
- Icons support for events texts
- UTF-8 support, regional agreed Chinese characters

Technical Specifications	
NURD-Hx Overview	
Item	NURD-HE: white (NCS S0300–N)
	NURD-HK: white (NCS S0300–N)
Material	
Material	PBT/PC enclosure rated UL94-V0
Color	Housing: White (NCS S0300–N)
	Insert: Red: (NCS S1085-Y80R) Yellow: (NCS S0560-Y) Green: (NCS S2060-G10Y) Blank (NCS S0300-N)
Dimensions (H x W x D)	135 x 91 x 20 mm (5.32 x 3.58 x 0.79 in)
Weight	157g (5.54 oz)
Mounting	European Union standard plastic or metal backbox with 60mm (2.36 in.) mounting holes
Compatible electrical boxes (metal or plastic):	EU: Single backbox with mounting holes 60mm (2.36in.)
	UK: MK Honeywell models (or equivalent) 1–gang: 861ZIC, 866ZIC, 877ZIC
	AUS: Clipsal models (or equivalent) 1–gang: 157, 157/1, 157/1A, 157/1X
Electrical	
Electrical rating	Input: 5.5VDC
	Current consumption: Idle: 25mA (dimmed) Max: 70mA (lit)
Wire type	Cat 5/5e/6/7, U/UTP Note: Cat 6/7 cable will work electrically but may be too stiff for some back boxes
Electrical connections	2x RJ-45 connector

Specifications are subject to change without notice

Audio/Visuals/External

Buzzer	2400Hz, 65dB at 2m (6.56 ft)
Optical feedback	Red/Green LED
Transponder types (depends on application: teleCARE/Telligence)	Mifare Classic
	Mifare Ultralight
	Mifare DesFire
Transponder frequency	13.56MHz
Reading distance	< 30mm (1.18 in)
LCD display:	128 x 64 pixels, monochrome

Compatibility

Software Compatibility	Telligence 5.0 or higher teleCARE IP 13.0 or higher
Hardware Compatibility	NUDL-series dome lights NIRC4 room controller NICL4 corridor lamps NURGW-H room gateway

Environmental

Operating temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-25°C to 55°C (-13°F to 131°F)
Relative Humidity	30 to 95% (non condensing)
Enclosure protection rating	IP40

Regulatory Compliance EU/EFTA

(the valid references to dates and amendments are stated in the Declaration of Conformity):

RoHS 2011/65/EU, RoHS3 2015/863/EU and RED 2014/53/EU

EN 55032

EN 301 489–1, EN 301 489–3, EN 300 330

EN 62368-1

Specifications are subject to change without notice

Regulatory Compliance UK



In conformity with the following UK regulation and designated standards:
Radio Equipment Regulations 2017 The Restriction of the Use of Certain
Hazardous Substances in Electrical and Electronic Equipment
Regulations 2012
HTM 08-03
EN 55032
EN 301 489-1, EN 301 489-3, EN 300 330
EN 62368-1

Regulatory Compliance ANZ



EN 55032, AS/NZS 4268

Accessories

Accessories:

Button Insert Kit UK (P/N NUCBKRD-HK)

Button Insert Kit AU (P/N NUCBKRD-HA)

Short back plate room display white (NCS S0300-N) (P/N 660360)

Specifications are subject to change without notice

Icon and UTF-8 support

Icon Support

Icons:	1 Error		8 Bed	
	2 Normal Call		9 Technical	
	3 Toilet		10 Fire	
	4 Assistance		11 NP2	
	5 Medical		12 Wander Alert	
	6 Emergency		13 Loiter Alert	
	7 NP1		14 Medical Low	
			15 Medical Medium	
			16 Medical High	
			17 Urgent	
			18 Incoming Call	
			19 Door Bell	

UTF-8 Support

UTF-8 sets:	Unicode ID: U+0020-007F, U+00C0-017F, U+0300-033F, U+0380-03D0, U+0400- 0450, U+05D0-05EA
	ASCII, ISO-8859-1/2/3/4/5/7/8/9/10/13/15/16
Unicode Code Charts	Basic Latin (ASCII) Latin-1 Supplement Latin Extended-A Cyrillic Supplement Hebrew
UTF-8 supported Chinese characters:	中乐人代休位低入出删到务动助医单卫厅取受口叫呼回在 场堂士备大娱室对层常床开式急息房护报拆拒择接搁故断 无替服未栋检楼模止步求池活测消游源漫火灯点生电疗病 签系紧终络绝网置联荡菜规触警讲设试话辅输返连选通间 防除障音餐高

Specifications are subject to change without notice

Ascom (Sweden) AB

Grimbodalen 2

SE-417 49 Göteborg

Sweden

Phone +46 31 55 93 00

www.ascom.com

ascom