

DATA SHEET



Room Display (NURD-HE)




















Features

- Interactive Messaging (IM) display
- Module is an RFID device with a 13.56 MHz carrier frequency
- Supported cards: Mifare Classic / Ultralight / DesFire
- Proximity smartcards for nurse / staff presence
- Audible and optical confirmation of card reader response
- Backlit LCD graphical display with large, easy to read characters
- UTF-8 support, regional agreed Chinese characters
- 3 function keys and an up / down scroll button for controlling the display and speech
- Duty Selector for locally setting of the active duty
- Speaker for acoustic signalling of calls and a tri-color LED to indicate the type of call
- Icons support for events texts
- Easy to clean membrane covering the display and incorporating the buttons, keys and LEDs
- Customizable call buttons with integrated LEDs
- Customizable button insert kits available (Version 1G or newer)
- An active module connecting to an active room bus via RJ-45 connectors
- System supports up to two room display modules per room bus
- Bus address set using a jumper shunt on a 3-pole pin header
- Daisy-chain with other active room modules




Technical Specifications	
Room Display Overview	
Item	NURD-HE
Material	
Material	PBT/PC enclosure rated UL94-V0
Color	Housing: White (NCS S 0603-G80Y)
	Insert: Red: (NCS S 1085-Y80R) Yellow: (NCS S 0560-Y) Green: (NCS S 2060-G10Y) Blank (NCS S 0300-N)
Dimensions (H x W x D)	135 x 91 x 20 mm (5.32 x 3.58 x 0.79 in.)
Weight	157 g (5.54 oz.)
Compatible electrical boxes (metal or plastic)	EU: Single backbox with mounting holes 60 mm (2.36 in.)
	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: 5.5 Vdc
	Current consumption: Idle: 25 mA (dimmed) Max: 70 mA (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	2 x RJ-45 connector

Audio/Visuals/External	
Buzzer	2400 Hz, 65 dB at 2 m (6.56 ft.)
Optical feedback	Yellow/Red/Green LEDs (call buttons) RGB LED (Display top)
Transponder types (depends on application: teleCARE/Telligence)	Mifare Classic
	Mifare Ultralight
	Mifare DesFire
Transponder frequency	13.56 MHz
Reading distance	< 30 mm (1.18 in.)
LCD display	128 x 64 pixels, monochrome
Compatibility	
Software Compatibility	Telligence 5.0 or higher teleCARE IP 13.0 or higher - vNISM only
Hardware Compatibility	NUDL-series dome lights NURGW-H room gateway NIRC4 room controller
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	0 to 95%, non condensing at 40°C (104°F)
Enclosure protection rating	IP40
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		11 NP2	
	2 Normal Call		12 Wander Alert	
	3 Toilet		13 Loiter Alert	
	4 Assistance		14 Medical Low	
	5 Medical		15 Medical Medium	
	6 Emergency		16 Medical High	
	7 NP1		17 Urgent	
	8 Bed		18 Incoming Call	
	9 Technical		19 Door Bell	
	10 Fire			
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 (Versions up to 1.5.x)	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			

UTF-8 supported Chinese characters (Versions 1.6.0 and higher)	中乐人代休位低入出分删别到务动助務医升单卫厅取受口 叫呼員回在场堂報士备大如娛室察对层常床廁开式急息房 手护报拆拒择掃掛接摑搶故救断斷无普更替服未柄栋检楼 樓模機檢止步毒求池汚沙治洗活流测浴消淋清游源漫潔火 灯点物特理生电疗病症療登瞄站签系紧絕緊線终络绝网置 美联職蕩菜藥處號衣要觀规触記診警護讲设试话语辅输返 连选通連酏醫開间防降除障音餐驗高
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Compliance to Regulations and Standards	
Declaration of Conformity	
The following complies with the relevant dates and amendments of all the following standards (valid references to dates and amendments are stated in the Declaration of Conformity):	
Regulatory Compliance EU/EFTA	
	EN 62368-1 EN 301 489-1 EN 301 489-3 EN 55032 (CISPR32) Class B EN 63000 (RoHS) REACH EN 300 330
Regulatory Compliance US/CAN	
	UL/CSA 62368-1 ANSI/UL 2560 CAN/CSA C22.2 No. 205 FCC part 15C RSS 210 RSS GEN
Regulatory Compliance UK	
	Basic compliance of EU/EFTA standards if not superseded by UK regulations. UK RoHS HTM 08-03
Regulatory Compliance ANZ	
	AS/NZS 62368-1 EN 55032 (CISPR32) Class B
Regulatory Compliance Germany / Austria	
	VDE 0834

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