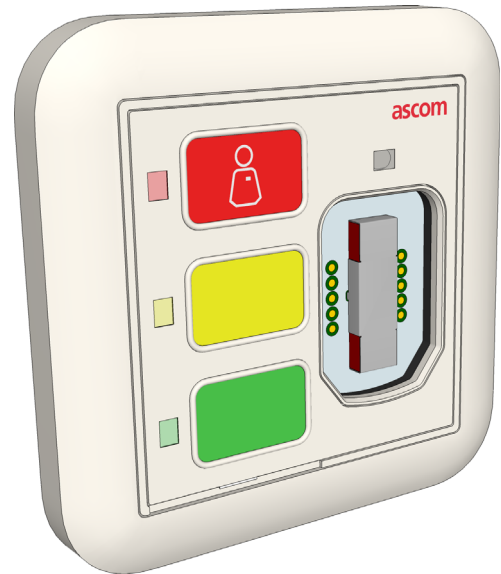


NUBM3 Customizable Bedside Module Data Sheet

Model NUBM3-HE

Features

- Available with three customizable buttons; use one, two, or three buttons
- Supports NUHS-series bedside handsets
- Ascom SafeConnect socket for the bedside handset
- Supports two light control buttons in the handset
- Integrated speech interface through the handset
- Supports stereo TV audio via the TV Interface Module and the NUBM3X Extension Module
- Backbox or surface mounting options
- Connects to an active room bus
- Sealed membrane covers ensure easy cleaning
- Customizable button insert kits available
- System supports four bedside modules on the same room bus



Description

The Customizable Bedside Module (NUBM3-HE) is a wall-mounted, modular device for use with the Ascom Telligence system and is suitable for general rooms. The module comes equipped with three customizable call buttons for different call levels, and a magnetic Ascom SafeConnect socket for connecting NUHS-series bedside handsets.

The three buttons are pre-configured (red, yellow, green), or each button can be customized to support individual requirements. The module can also be configured as a one- or two-button module, and with multiple functions, such as long, short, and double button presses.

Each button has a color-matching LED that is permanently back-lit for easy location in the dark. It brightens when pressed, for reassurance.

The Ascom SafeConnect socket connects the bedside handset to the module. Its magnetic snap fitting releases the plug when excessive strain is applied, thus reducing the number of damaged plugs and broken cables. A green LED located above the socket illuminates for three seconds to indicate a good connection, and then dims to a night light mode. It blinks when it is disconnected, or when it detects an unsupported device.

The bedside module has two solid state relays with normally open contacts for control of lamp switching relays that are controlled by the bed light buttons on the handset.





The bedside module includes an integrated speech (audio) interface for use with speech-capable bedside handsets. It also supports TV audio and auxiliary I/O when bedside extension and TV interface modules are added.

The module connects to an active room bus via RJ-45 connection technology and can daisy-chain with other active modules. The connectors carry 5.5VDC, data, voice, and ground (0V). Depending on your system setup, use the DIP switches on the module's circuit board to set the module's bed address, or set it using the software configuration tool.

The bedside module requires a single-module frame for installation. Choose a dual or triple frame model when combining the bedside module with additional modules, such as a bedside extension module, speech module, or other compatible module. Alternatively, spacers are available for surface mounting.

Accessories for the bedside module include customizable button insert kits. Each kit contains a variety of color strips that easily insert into the module's faceplate to cover the buttons and LEDs. The kit includes strips for one, two, or three button configurations.

Specifications

Electrical rating	Input: 5.5VDC Current consumption: Idle: 6mA Max: 20mA 2x Light control output: 30VDC, 200mA (solid state contact)
Wire type	Cat 5/5e/6/7, U/UTP
Connection socket	1x 10-pin magnetic Ascom SafeConnect socket for a bedside handset
Electrical connections	2x RJ-45 (daisy chain) sockets for room bus 1x 6-pin connector for NUSB3X bedside extension module 1x 4-pin connector for 2-light switching relays
Dimensions (L × W × D)	60 × 60 × 19mm (2.36 × 2.36 × 0.75in.) without frame 81 × 81 × 19mm (3.19 × 3.19 × 0.75in.) with frame
Weight	51g (1.8 oz.) (weight of module and adapter, without frame)
Enclosure material	PBT/PC enclosure rated UL94-V0
Color	White (NCS 0603-G80Y)
Mounting	European Union standard plastic or metal backbox with 60mm (2.36 in.) mounting holes
Button colors	Red: (NCS S1085-Y80R) Yellow: (NCS S0560-Y) Green: (NCS S2060-G)
Environment	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
Software compatibility	Telligence 5.0 and later
Hardware compatibility	NUDL-series dome lights
Regulatory compliance    	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): IEC 60950 CB, IEC 62368 CB, EN 55024 (CISPR24) Class B, EN 55032 (CISPR32) Class B, RoHS, REACH, VDE 0834, HTM 08-03 ANSI/UL 1069, ANSI/UL 2560, CAN/CSA C22.2 No. 205, FCC part 15B, ICES-003 AS/NZS CISPR24/32, AS/NZS 3811
Accessories	Bedside Extension Module, EU (P/N NUBM3X-HE) Installation Frame 1U, EU (P/N NUF1U-HE) Installation Frame 2U, EU (P/N NUF2U-HE) Installation Frame 3U, EU (P/N NUF3U-HE) Customizable Button Insert Kit, EU (P/N NUCBK-HE) Customizable Button Insert Kit, UK (P/N NUCBK-HK) Surface Mounting Spacer, EU (P/N NUSP1-HE) NIAT TV Audio Interface (P/N 660382)