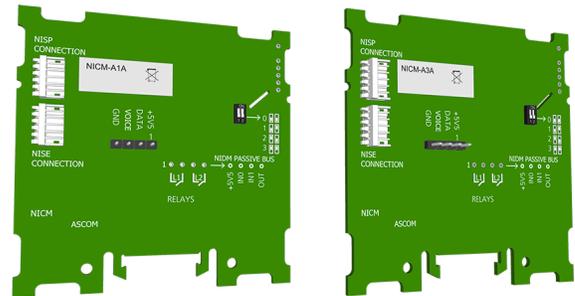


## Customisable Module

### Features

- An active peripheral connected to one of the room buses of the IP Room Controller
- Supports a teleCARE IP speech module and Socket Extension Module (ordered separately)
- Address coded using DIP switches
- Can be assembled as a 1-button or a 2-button switch module
- Customisable button in various coloured buttons
- Button functions are configurable



### Description

The Customisable Module is an active module which can be adapted to suit the requirements. It can be assembled as a 1-button module (NICM-A1A) or a 2-button module (NICM-A3A).

Only the printed circuit board is supplied when the customisable module is ordered. The cover plate and the required buttons must be ordered separately. Details of the cover plates and buttons are listed under "Accessories" on the following page.

The accessories consist of a 1-button cover plate and a 2-button cover plate. The buttons consist of a large red button with a nurse symbol, a large green button, a large blue button with a white cross symbol, a small red button with a nurse symbol, a small red button with a heartbeat symbol and a small green button.

The NICM can be customised as a 1-button module with a large call button or a large code blue button or a large green button.

The NICM can be customised as a 2-button call/cancel module with a small red button with a nurse symbol and small green button or a small red button with a heart beat symbol and a small green button. Each button has an LED and the LEDs permanently emit a low intensity light for night-time locating.

The room controller room has multiple room buses. Each room bus consists of four wires. The room bus connections are marked: +5V5, data, voice and ground (0V).

The Customisable Module is connected to one of the room buses and each room bus supports 8 addresses (0 - 7). The room bus address of the Customisable Module is set by DIP switches.

**Note:** The 4-pole connector terminal required for the room bus is not supplied with the switch module. It is available as accessories and which must be ordered separately.

The Customisable Module has a 5-pin connector for the connection of a teleCARE IP speech module and a socket extension module.

The Customisable Module requires a single backplate which must be ordered separately. The backplate enables this switch module to be mounted over different types of backboxes. Alternatively, a spacer with installation kit is available for surface mounting the switch module.

All Ascom teleCARE IP products, including the contain no lead (Pb-Free) and fully comply with the RoHS directive 2002/95/EC.

## Technical Specifications

Markets:		EU	US	UK	ANZ
<b>Item number</b>	<b>NICM-A1A:</b> 1 button	•		•	•
	<b>NICM-A3A:</b> 2 buttons	•		•	•
<b>Dimensions:</b> W x H x D (Assembled switched module)	91 x 91 x 19 mm / 3.58 x 3.58 x 0.75 inch				
<b>Installed dimensions:</b> W x H x D (Assembled switched module with back-plate or spacer)	With EU backplate: 91 x 91 x 17 mm / 3.58 x 3.58 x 0.67 inch				
	With EU spacer: 91 x 91 x 42 mm / 3.58 x 3.58 x 1.65 inch				
	With US backbox: 91 x 113.8 x 17 mm / 3.56 x 4.48 x 0.67 inch				
	With US spacer: 91 x 113.8 x 31mm / 3.56 x 4.48 x 1.22 inch				
<b>Processor</b>	Type ATtiny 2313 universal				
<b>Memory</b>	2kB Flash 128 RAM 64 bytes EEPROM				
<b>Electrical connections</b>	1 x 4-pin connector for the room bus				
	1 x 5-pin connector for an NISP speech module				
<b>Power input</b>	5.5Vdc (from the room bus)				
<b>Current consumption</b>	Idle: 10mA Max. 40mA at 5.5Vdc				
<b>LED colors:</b> Color of the LED above the buttons.	<b>NICM-A1A:</b> Top button - Red LED				
	<b>NICM-A3A:</b> Top button - Green LED Left button - Red LED Right button - Green LED				
<b>Environment:</b>  <b>Environment:</b> (UL 2560 installations)	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	•		•	•
	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 EMC 2014/30/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 55032 EN 55024 EN 60950-1 HTM08-03</p>	•		•	
<b>Regulatory Compliance Australia / New Zealand</b>	 <p>EMC: EN 55032 AS 3811</p>				•
<b>Accessories:</b>	NICT-4AA: Connector terminal 4-pole				
	660228: Cover 1-button - gray (NCS S2005 - R80B)				
	660229: Cover 1-button - white (NCS S 0603-G80Y)				
	660230: Cover 2-button - gray (NCS S2005 - R80B)				
	660231: Cover 2-button - white (NCS S 0603-G80Y)				
	R280920: Backplate, single - gray				
	R281145: Backplate, single - white				
	R280921: Backplate, double - gray				
	R281146: Backplate, double - white				
	R280924: Backplate, triple - gray				
	R281148: Backplate, triple - white				
	R280926: Spacer with installation kit - gray				
	R281149: Spacer with installation kit - white				
	660438 US backplate single-gang				
	660441 US spacer				
<b>Buttons:</b>	660234 - Red button - large (nurse symbol)				
	660235 - Green button - large				
	660236 - Blue button - large (cross symbol)				
	660237 - Red button - small (nurse symbol)				
	660238 - Green button - small				
	660239 - Yellow button - small				
	660240 - Blue button - small				

Continued on the next page:

<b>Markets:</b>		<b>EU</b>	<b>US</b>	<b>UK</b>	<b>ANZ</b>
	660242 - Red button - small (heartbeat symbol)				
	660476 - Green button - large (nurse symbol)				
	660477 - Yellow button - small (Staff)				
	660478 - Amber button - large (nurse symbol)				
	660479 - Green button- small (STAFF)				
	660480 - Gray button - small (RESET)				
	660481 - Red button - small (EMERG)				
	660482 - Blue button - large (CARDIAC)				
	660484 - Green button - small (nurse symbol)				
	660485 - Red button - large (EMERGENCY)				
	660486 - Red button - large (DURESS)				