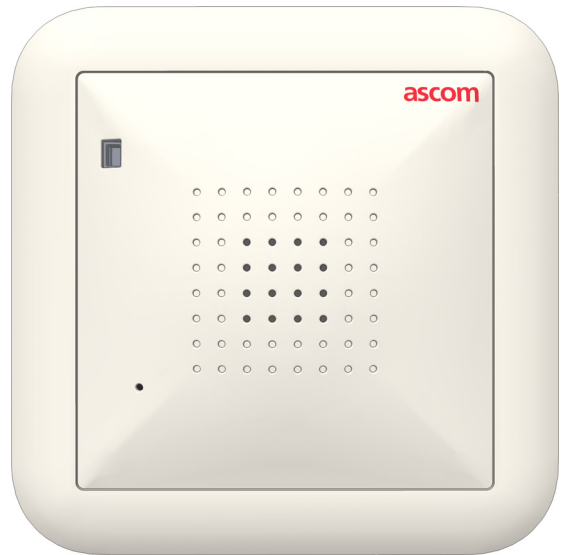


## NUSPM Speech Module Data Sheet

### Model NUSPM-HE

#### Features

- Speech module for the Ascom Telligence System
- Single speaker for high quality voice transmission and tones
- Electret microphone for two-way duplex speech
- Selection of microphone sensitivity
- Orange LED shows an active speech connection
- System supports up to eight speech modules per room bus



#### Description

The NUSPM-HE Speech module is used in the Ascom Telligence System to handle voice communications with devices such as staff consoles, room display modules, mobile handsets, and other devices.

This wall-mounted module consists of a white plastic body with a perforated speaker grill. It incorporates a printed circuit board with a Mylar cone speaker and an electret microphone. The circuit board also contains a class D speaker amplifier for energy efficiency. The module also supports two-way duplex speech communication.

The module connects to an active room bus via RJ-45 connection technology and can be daisy-chained with other modules. The connectors carry 5.5VDC, data, voice, and ground (0V).

The module includes a DIP switch used to decrease the microphone's sensitivity (6dB). DIP switches are also included for setting the module's room bus address. The bus address can also be set using the Telligence Configuration Tool.

The module uses a single-module frame for installation. Choose a dual or triple frame model when combining the speech module with other modules, such as a bedside module, doorside module, or other compatible module. Alternatively, spacers are available for surface wall-mounting when no backbox is available.

## Specifications

<b>Electrical rating</b>	Input: 5.5VDC Current consumption: Idle: 5mA, Max: 30mA
<b>Wire type</b>	Cat 5/5e/6/7, U/UTP
<b>Audio</b>	Mic line: 1.8Vpp Speaker line: 3.5Vpp
<b>Electrical connections</b>	2x RJ-45 jacks for room bus
<b>Indicators</b>	LED (orange)
<b>Dimensions (H × W × D)</b>	60 × 60 × 19mm (2.36 × 2.36 × 0.75in.) without frame 81 × 81 × 19mm (3.19 × 3.19 × 0.75in.) with frame
<b>Weight (with cable)</b>	170g (6oz.)
<b>Enclosure material</b>	PBT/PC enclosure rated UL94-V0
<b>Color</b>	White (NCS 0603-G80Y)
<b>Mounting</b>	European Union standard plastic or metal backbox with 60mm (2.36 in.) mounting holes
<b>Environment</b>	Operating temperature: 0°C to 50°C (50°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
<b>Software compatibility</b>	Telligence 5.0 and later
<b>Hardware compatibility</b>	NUDL-Series Dome Lights
<b>Regulatory compliance</b>	<p>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):</p> <p>IEC 60950 CB, IEC 62368 CB, EN 55024 (CISPR24) Class B, EN 55032 (CISPR32) Class B, RoHS, REACH, 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</p>
<b>Accessories</b>	<p>Surface Mounting Spacer (P/N NUSP1-HE)</p> <p>Frame 1U, EU (P/N NUF1U-HE)</p> <p>Frame 2U, EU (P/N NUF2U-HE)</p> <p>Frame 3U, EU (P/N NUF3U-HE)</p>