

PRODUCT SPECIFICATION

An ergonomic, flush wall-mounted intercom module that provides clear, undistorted, VoIP communication between health care staff and patients in their room. The intercom integrates with the TACERA Nurse Call System and is typically at the patient's bedside or anywhere that hands-free, two-way audio communication is required.

The intercom consists of:

- A 45 mm 1 W speaker;
- A condenser microphone; and
- A green LED to indicate the status of the audio connection.

The intercom incorporates automatic gain control for the microphone plus on-board adjustable gain and volume preset for clear, undistorted two-way speech communication from anywhere in a typical room.

The TalkTwo Intercom Module requires a connection to an audio / power gateway (injector switch) via a CAT5/6 UTP cable with 8-way modular connectors. The gateway is powered by Austco's 24 V power supply and injects power into each of the exposed ports, allowing the intercom to receive audio and power through one single CAT5/6 cable.

The audio / power gateway is connected to an Analogue Telephony Adapter (ATA) via a customised cable supplied by Austco. The ATA (sourced directly from a 3rd party supplier) provides streaming VoIP audio to multiple intercoms simultaneously and is connected back to the IP Connect Server through a standard Ethernet switch on the Nurse Call LAN.

Two-way speech calls are initiated from the nurse / staff station and the LED on the front panel of the intercom lights green when it is connected to nurse / staff station handset.

The TalkTwo Intercom Module fits into a standard single- or multi-gang Australian and North American wall box. It uses a standard Clipsal™ 2000 series snap-on surround to conceal the fixings (the surround is supplied separately). The /BS option fits into a standard British size wall box and comes complete with a front plate.

The mounting plate is manufactured from a white polycarbonate / ABS blend of impact resistant plastic, and each intercom includes a unique barcode for inventory control and tracking.

The intercom's electronics are protected against power surges, near lightning strikes, cable shorts and power reversals.

Typical power consumption is 120 mA at 24 V when a call is active and 45 mA when on standby.

CISPR 22 Class B certification ensures that the intercom meets the new international emission requirements for hospitals and aged care facilities.

The intercom complies with the international RoHS Directive for the restriction of hazardous substances in electronic equipment.

Dimensions & Specifications	Height:	116 mm	Depth:	45 mm
	Width:	76 mm (Australian Plate)	Weight:	150 grams
	Housing:	Wall Box	Plate:	Equivalent to Clipsal™ 2000 series plate Optional UK / English size plate
	Mounting Method:	Screw on	Wall Box Size:	Standard Australian, North American or British size wall box
	Connector:	8-way modular to the gateway (power injector)	Cable Size:	CAT5 or CAT6 modular cable (AWG 26)
	Operating Temperature:	0 – 50°C	Relative Humidity Range:	0 - 85% Non Condensing

Ordering Options	Code	Description	Order Options
	IP-TALKTWO	TalkTwo Intercom Module	
	IP-TALKTWO/GW	TalkTwo Intercom Module Gateway, 32 Port	
		Note: The TACERA TalkTwo Intercom Module does not include a surround.	Size: Australian – default British – add /BS Mounting (Australia): Vertical – default Horizontal – add /H

Designed to comply with:

- AS 3811: Hard-wired patient alarm systems.
- HTM 08-03: Bedhead services.
- UL 1069: Hospital Signaling and Nurse Call Equipment.
- IEC 60601-1, UL 60601-1 and CAN/CSA C22.2 No. 601.1-M90: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance.



Manufactured in general accordance with the requirements of international quality assurance standard ISO9002.

Authorised Austco Reseller

