Advanced

Axis EN

Legacy Wireless Translator Module

The Axis Wireless Translator module allows the Axis Wireless range of intelligent devices to integrate seamlessly on to the Axis hard wired addressable loop. Each Translator module allows the addition of 32 wireless sensors, sounders or output devices. Multiple Translator modules may be put on the same intelligent loop.

The Translator is loop powered, provides full intelligent sensor integration, and allows analogue values, fire and fault information and device type codes to be transmitted to the MxPro 4 series control panels. The translator processes messages received from the wireless devices and transmits information about itself and the devices to the control panel.

Operating on the European recommended frequency of 868 MHz and conforming to EN54-25 its two-way communication provides the highest level of transmission security and reliability.

Programming of the Axis Wireless devices is easily achieved through onboard keys or a PC configuration tool. On-board bi-colour LED's also indicate device status and communication strength which greatly aids commissioning.

The Axis Wireless Translator module is complemented by a range of wireless detectors and ancillary devices including battery operated wall sounders, input and output devices.



Features

- Bi-directional communication protocol between all wireless devices
- Rapid, cost effective installation with minimal disturbance
- Patented double orthogonal antennae provides reliable communication
- Unique channel hopping algorithm virtually eliminates signal corruption and fade
- Up to 32 wireless devices allowed with each translator
- System can be programmed through internal keys or a Windows based PC application

Specification

Loop power supply range	from 15Vdc to 40Vdc
Typical current consumption	20mA (at 24Vdc)
Operating frequency range	868.15 MHz - 869.85 MHz
Radiated power range	5 dBm (3 mW)
Radio signal's modulation type	FSK
Number of frequency channels	7
Communication range with wireless expander device	Up to 600 m (in open space) *
Communication range with other wireless devices	Up to 200 m (in open space) *
Maximum linked wireless devices	32 **
Maximum linked wireless expander devices	7 ***
Temperature range	from –30ºC to +50ºC
Tolerated humidity range (no condensing)	from 5% RH to 90% RH

Dimensions H x W x D mm (without antennas)	120 x 160 x 51
Number of antennas	2
External antenna’s length	74 mm
Weight grams	300
IP Rating	51C

Order Codes and Options

20-VW2W100-ADV:	Wireless Translator Module

Limitations

* Ideal operating range: may vary consistently according to environmental conditions.
** 16 output devices (output modules, sounders...) maximum.
*** 5Axis wireless expanders in cascade connection, maximum.
*** 3Axis wireless expanders connected to another Axis wireless expander, maximum.

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