



PMI

Pole Mount Interface

Product Manual



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The Post Mount Interface (PMI) is designed to be mounted on a standard traffic pole with four open collector inputs and transmit the input data to the Remote Loop Interface (RLI) unit mounted in the traffic controller cabinet.

Up to four PMI units can simultaneously be configured to the one RLI unit, transmitting data in real-time. In addition, the PMI unit has a wireless anticollision detection system, which allows them to select automatically a different wireless channel for transmission to the RLI unit.



The PMI is supplied with a powder-coated aluminum mounting bracket, and a 14mm hole which allows quick and easy mounting to the standard UMA or pole bracket.

The PMI is supplied with standard 165mm black flexible hose and cables fitted for 240-volt supply connection. A 7-pin connector is also fitted that supplies 24-volts for the external detector and open collector inputs from the external detector.



PMI Wires	240 - Volt Connections
Red	240 Volt Active
Black	240 Volt Neutral
Green/Yellow	Earth

Pin Connector	7 - Pin Plug Connection
Pin 1	24 Volt Positive
Pin 2	24 Volt Negative
Pin 3	Contact Common
Pin 4	Input 1
Pin 5	Input 2
Pin 6	Reserved Input 3
Pin 7	Reserved Input 4

LED Indicators

LED	Description
In1	Input 1 Status
In2	Input 2 Status
In3	Input 3 Status
In4	Input 4 Status
L1	Run LED flashes at the rate of 1 per second to indicate MCU running normal
L2	Flashes when data packet transmitted every 5 seconds or when input change