



Wi-Fi General Purpose IO Board

PTE0248

PAE248 (Circuit Board Only)

Overview:

The JVA Wi-Fi GPIO Board adds functionality to the JVA Perimeter Alarm System. It provides stand alone inputs and outputs to easily integrate external equipment into the Perimeter Patrol System. The inputs can monitor either Digital or Analogue devices such as temperature sensors, pressure sensors and water level indicators, while the outputs can be used to turn on security lighting, sirens or water pumps. Finally, the GPIO board can be configured JVA Virtual Keypad™ to provide a combination of Perimeter Patrol Outputs and Energiser Expansion Outputs on the one board for greater flexibility.

The Wi-Fi GPIO board also provides Ethernet or Wi-Fi connectivity between Perimeter Patrol and up-to 14 Z-Series Energizers or Monitors.

NOTE: Not POE (Power Over Ethernet) compatible

Features:

- Four configurable inputs (2 optional 0-10Vdc analog)
- Four configurable 10-Amp relays
- Simple integration into Perimeter Patrol
- Configuration through a Wi-Fi enabled smart device
- Software updates (requires internet connection)
- Pluggable connectors make wiring easy

Specifications:

Inputs	Available Configurations	Dry Contact Pull down to Ground 0-10V Analog Signal
Output	Form-C Relay	10-Amp change over contacts
Size	Height: Width: Depth:	135 mm 128 mm 40 mm
Weight	Product: Packed:	220 g 245 g

Package Contents:

- PAE248 (Wi-Fi General Purpose IO Circuit Board)
- Enclosure (non-sealed)

Warranty:

3 Year Manufacturer Warranty (excluding lightning damage)

For more information:

See the User Manual at: <https://www.jva-fence.com/248>





Wi-Fi Specifications:

TX Frequency	2412-2472 MHz / 2422-2462 MHz	
RX Frequency	2412-2472 MHz / 2422-2462 MHz	
Output Power	17.70 dBm (802.11b)	19.60 dBm (802.11g)
	19.90 dBm (802.11n20)	19.40 dBm (802.11n40)
Modulation	DSSS, OFDM	
Antenna	PCB Antenna, 3.7dBi	

Dimensions:

