

Specifications

	ZP24D-250RM-SR	ZP-9D-192RM-MR ZP9D-96RM-MR	ZP24D-192RM-MR ZP24D-96RM-MR	ZP9D-115RM-LR
RF Properties				
Standard	IEEE 802.15.4	Proprietary Radio	Proprietary Radio	Proprietary Radio
Range(with included antenna)	up to 300 feet indoor or 1 mile outdoor	up to 1500 feet indoor or 7 mile outdoor	up to 600 feet indoor or 3 mile outdoor	up to 3000 feet indoor or 14 miles outdoor
Frequency	2.4 GHz	900 MHz	2.4 GHz	900 MHz
Transmit Power	100mW	100mW(900MHz)	50mW(2.4GHz)	1W
Software				
Support	Win 98, ME 2K, XP			
Features	AT Command Terminal emulation RSSI signal range test Modem emulation			
Included Omni Antenna	2.1 dBi	3 dBi	2.1 dBi	3 dBi
Antenna Connector	External Reverse Polarity SMA male jack connector, omni directional (included with product)			
Serial Settings				
Baud	1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200	1200, 2400, 4800, 9600, 19200, 38400, 57600	1200, 2400, 4800, 9600, 19200, 38400, 57600	1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200, 230400
Data bit, Parity, Stop bit	8 only; none only; 1 only	7, 8; None, even, odd, mark, space; 1, 2	7, 8; None, even, odd, mark, space; 1, 2	7, 8; None, even, odd, mark, space; 1, 2
RS-232	DB9F DCE or Terminal Block (TX, RX, GND available on Terminal Block)			
RS-422	Removeable terminal block, 2 or 4 wire - TX+, TX-, RX+, RX-, GND, 120 Ohm Dipswitch selectable			
RS-485	Removeable terminal block, 2 or 4 wire - TX+, TX-, RX+, RX-, GND, Bit wise, 120 Ohm Dipswitch selectable			
Wireless link failure	Removeable terminal block, Open collector, dry contact, 40mA			
Power Supply	10-48 VDC, 18-30 VAC, Removeable terminal block			
Power Consumption	2.0 W max	1.5W max	1.5W max	5.0W max
Dimensions	1.2W x 3.3D x 4.7H			
Environmental				
Operating Temperature	-40 to 85°C			
Storage Temperature	-40 to 85°C			
Operating Humidity	10 to 90% non-condensing			
Enclosure Rating				
Rating	IP30			
Mounting	DIN rail mount, 35mm			
LED Status	Power, Signal Strength, Wireless Data			
Certifications				
FCC	FCC Part 15 Class B			
CE	CISPR (EN55022) Class B EN61000-6-1 Generic Standards for Residential, Commercial, & Light Industrial EN61000-4-2-ESD, EN61000-4-3 RFI, EN61000-4-4 EFT, EN61000-4-5 Surge, EN61000-4-6 CI, EN61000-4-8 Power Frequency Magnetic, EN61000-4-11 Voltage Dips & Interruptions			
RoHS directive (lead free)	Yes			