

# RMZ-1218-C50

## WiFi Gateway for Zigbee wireless sensors



|                           |   |
|---------------------------|---|
| Type                      | RMZ-1218-C50  |
| Number of nodes supported | Zigbee Coordinator function, supports 20 Endpoint nodes. To be extended with repeaters to form mesh network. Unlimited number of routers from mesh network. |
| Applications              | Food storage, Production areas  |
| Operating temperature     | -35°C to +50°C  |
| Storage temperature       | -40°C to +55°C  |
| Connection mode           | Online via RF wireless Zigbee. To cloud via TCP over WiFi.  |
| Power                     | 12V external adapter, 2,1mm central + pin (EU and International power plug versions available)  |
| Protection class          | IP 40   |
| Housing                   | Flame Retardant ABS UL94-V0   |
| Dimensions                | 92(111)x58x39 mm  |
| Weight                    | 96g (158g with adapter)   |
| Radio Frequency WiFi      | 2.4 Ghz - 2.5 Ghz (2400 MHz - 2483MHz)  |
| Radio Frequency Zigbee    | ISM 2,4 - 2,5 GHz   |
| Certifications            | Conforms to standard EN12830 for HACCP Confirms to CE / FCC   |
| Transmit Power            | 6.3 mW (+8 dBm)   |
| Antenna                   | Internal wire antenna   |
| Certifications            | Confirms to CE Confirms to standard EN12830   |
| Output power WiFi         | 19 dBm  |
| Energy consumption        | 350mA   |
| Transmission distance     | Up to 60 m indoor range   |

All specifications in this document are subject to change without prior notice

### Highlights

Gateway to receive wireless measurements to the cloud  
Powered device  
WiFi 2.4G, 802.11 b/g/n  
Supports DHCP  
Cost effective device  
Simple Do It Yourself installation  
Buffering of data when network is lost  
Compatible with RMZ series  
Alarming via email and SMS



### More information

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