

IOP760

Ethernet/UART to Wi-Fi Converter

Features

- Wi-Fi Uplink or Ethernet WAN connection.
- One RS-232/485 for Modbus RTU connection.
- IEEE 802.11 a/b/g/n/ac Wi-Fi compliance.
- Support Wi-Fi dual bands 2.4/5 GHz
- Two LAN ports for linking local Ethernet devices.
- One DI/One DO for device triggering or event reporting
- Designed by solid and easy-to-mount metal body

Introduction

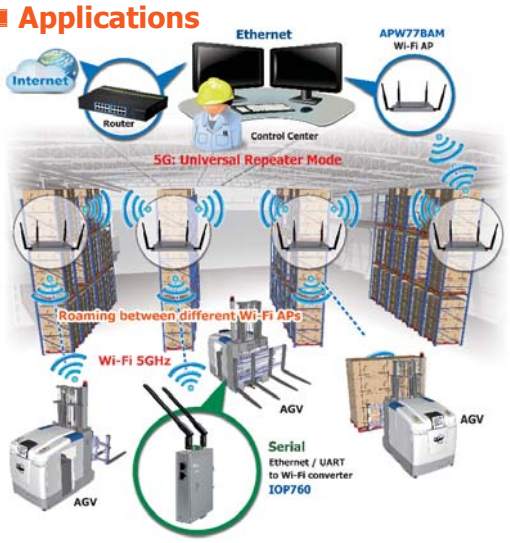
IOP760 is a wireless converter. The data can be exchanged via the three different interfaces Wi-Fi, Ethernet and UART. The Wi-Fi interface supports IEEE 802.11 a/b/g/n/ac standard. Users can select IEEE 802.11 b/g/n for 2.4GHz connections or select IEEE 802.11 a/n/ac for 5GHz connections. When the Wi-Fi strength is lower than the threshold setting, IOP760 can connect to another stronger one via the roaming function. The IOP760 has two Ethernet interfaces that can connect to two Ethernet devices. All the Ethernet devices exchange data via the IOP760. In the UART communication, data can be sent directly or formed by Modbus protocol.

System Specifications

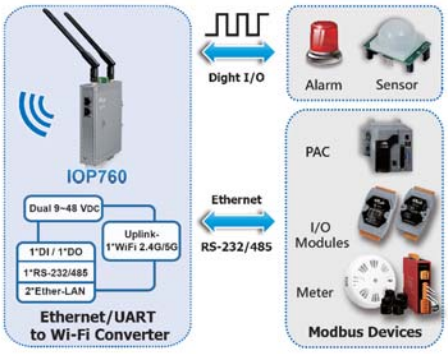
Model	IOP760
Wi-Fi	
Transmission Distance (LoS)	50 meters (LOS)
Standard	IEEE 802.11a/b/g/n/ac
Encryption	WEP / WPA / WPA2 / WPA-PSK / WPA2-PSK
Data Transmission Rate	2.4 GHz:300 Mbps(MIMO 2T2R) 5 GHz:866 Mbps(MIMO 2T2R)
Client	Max. 10 Clients (AP mode)
Channels	2.4 GHz:1~11 5 GHz:36/40/44/48;149/153/157/161/165
Antenna	5 dBi 2.4/5 GHz
Digital Input	
Channels	1
Type	Wet Contact
ON Voltage Level	3.3 ~ 30 VDC
OFF Voltage Level	3 VDC Max.
Relay Output	
Channels	1
Contact Rating	30V / 1A

Model	IOP760
COM Ports	
Ports	1 x RJ12(RS-232/RS-485)
Baud Rate	RS-232: 9600 / 19200 / 38400 / 57600 / 115200 RS-485: 9600 / 19200 / 38400 / 57600 / 115200 / 230400 / 460800
Data Bit	8/7
Ethernet	
Ports	2 x RJ45 FE
Power	
Input Range	+9~ 48 VDC
Mechanical	
Dimensions (W x L x H)	31 x 99 x 131 (W x L x H)(without Mounting kit) 31 x 108 x 131 (W x L x H)(with DIN Rail kit) 167 x 99 x 39 (W x L x H)(with Bracket kit)
Installation	DIN-Rail Bracket
Environment	
Operating Temperature	-20 °C ~ 60 °C
Storage Temperature	-40 °C ~ 85 °C
Humidity	10% ~ 95% (non-condensing)

Applications

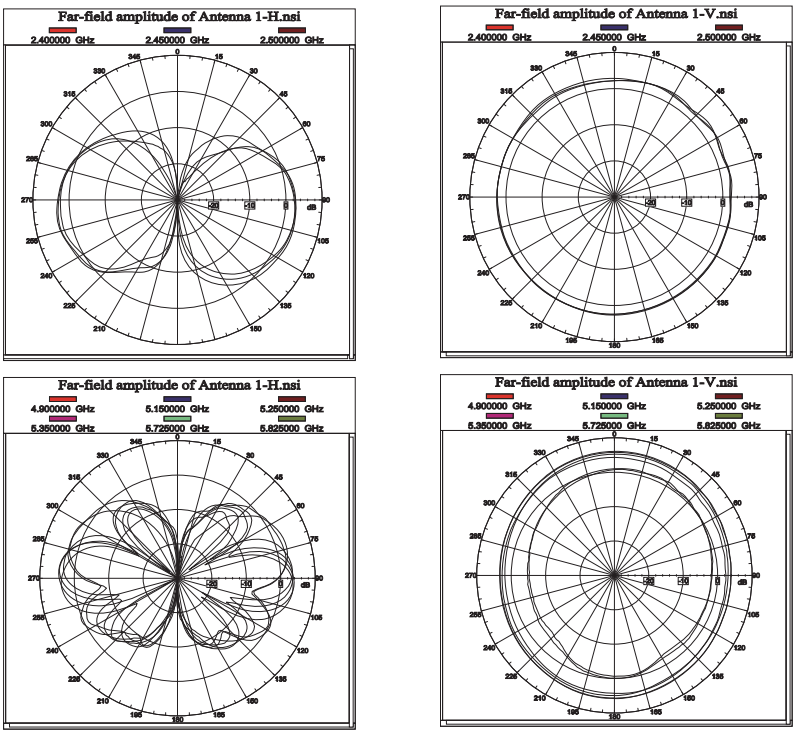




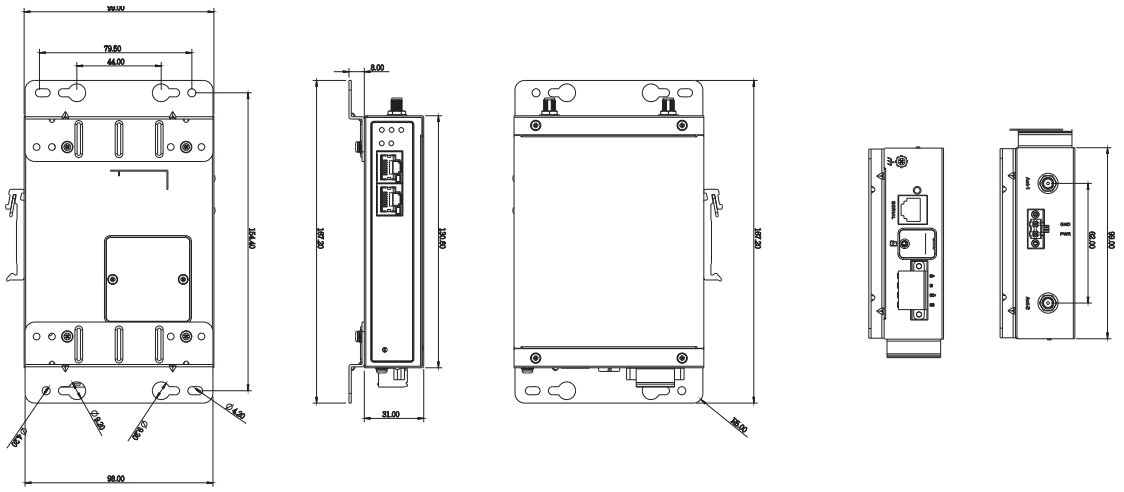


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Antenna Field



Dimensions (Units: mm)



Ordering Information

IOP760 CR	Ethernet/UART to Wi-Fi Converter (RoHS)(Asia Only)

Accessories

3S001-1	RG58A/U 1 Meter Long RP-SMA male to RP-SMA Female
3S003-1	RG58A/U 3 Meter Long RP-SMA male to RP-SMA Female
3S005-1	RG58A/U 5 Meter Long RP-SMA male to RP-SMA Female
3S008-1	RG58A/U 8 Meter Long RP-SMA male to RP-SMA Female

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