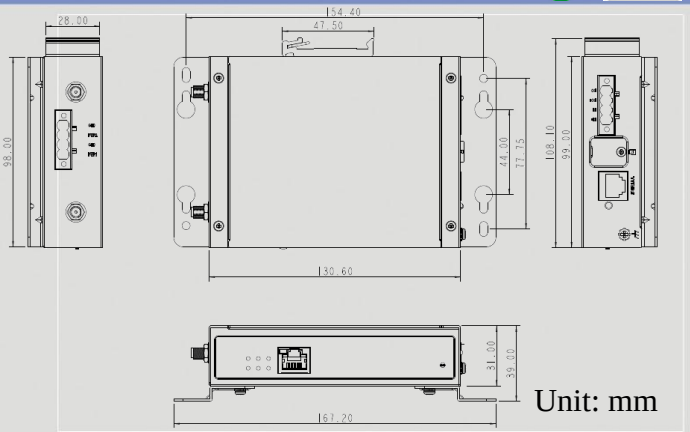
Wi-Fi Series Products

Ethernet/UART to Wi-Fi Converter



IOP760AM



Dimensions

IOP760AM is a wireless bridge. The data can be exchanged via the three different interfaces Wi-Fi, Ethernet and UART. The Wi-Fi interface supports IEEE 802.11 b/g/n/ac standard. Users can select IEEE 802.11 b/g/n for 2.4GHz connections or select IEEE 802.11 ac for 5GHz connections. When the Wi-Fi strength is lower than the threshold setting, IOP760AM can connect to another stronger one via the roaming function. The Ethernet interface can be connected by the Ethernet switch. All the Ethernet devices exchange data via the Ethernet switch and IOP760AM. In the UART communication, data can be sent directly or formed by Modbus protocol.

Features

- Wi- Fi Uplink or Ethernet WAN Connection.
- One RS-232/485 for Modbus RTU Connection.
- IEEE 802.11a/b/g/n/ac Wi-Fi Compliance
- One LAN Port for Linking Local Ethernet Devices.
- One DI/One DO For Device Triggering or Event Reporting
- Designed by Solid And Easy- to- Mount Metal Body

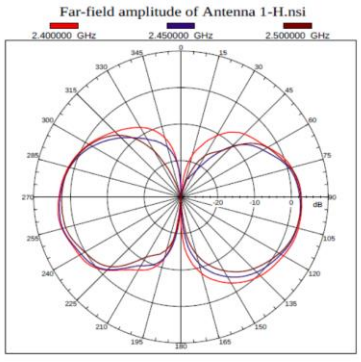
Functions

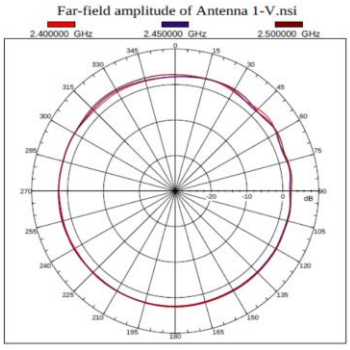
- Wi-Fi/Ethernet/UART Converter
- Roaming
- Command Line Interface (CLI)
- Website Configuration Interface
- Modbus Connections

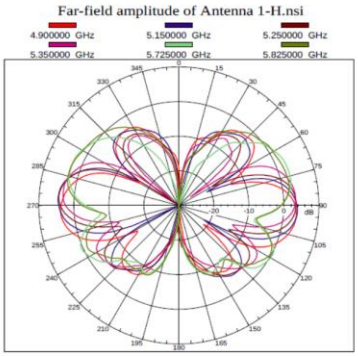
Website Configurations

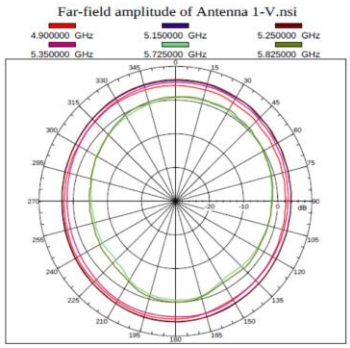
- Operation Mode Settings
- Ethernet Settings
- Wi-Fi Settings
- UART Settings
- Roaming Threshold Settings
- Modbus Settings

Antenna Field







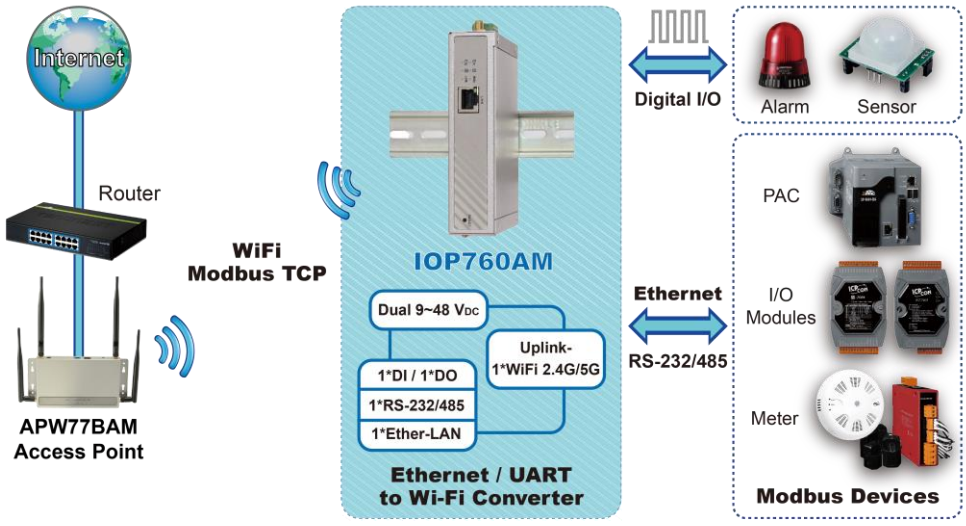


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Hardware Specifications

Device Interface			
Wi-Fi	Standard	IEEE 802.11a/b/g/n/ac	
	Security	WEP / WPA / WPA2 / WPA-PSK / WPA2-PSK / 802.1x	
	Channel	Auto	
Ethernet	1 * RJ45 FE		
UART	Interface	1 * RJ12 (RS232/RS485)	
	Baudrate	RS-232	9600 / 19200 / 38400 / 57600 / 115200
		RS-485	9600 / 19200 / 38400 / 57600 / 115200 / 230400 / 460800
	Data Bits	8 / 7	
	Stop Bits	1 / 2	
I/O			
DI	1* DI (“Logic 0” : 0~3V, “Logic 1” : 3.3V~30V)		
DO	1* DO (Relay Mode, up to 30V / 1A)		
Power			
Power Input	+9~ 48 VDC		
Mechanism			
Mounting	DIN-Rail		
	Bracket		
Dimensions (W x L x H)	31x108x131mm (DIN Rail kit)		
	167x 99 x 39mm (Bracket kit)		
Environment			
Operating Temperature	-20 ℃ ~ 60 ℃		
Storage Temperature	-40 ℃ ~ 85 ℃		
Humidity	10% ~ 95% (non-condensing)		

Applications



Ordering Information

IOP760AM CR	Ethernet/UART to Wi-Fi Converter (with category A plug type)
IOP760AM-EU CR	Ethernet/UART to Wi-Fi Converter (with category E plug type)

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