

4 Digital Input 4 Digital Output WIFI Node



A compact and reliable Wi-Fi-enabled MQTT digital I/O device featuring 4 isolated digital inputs and 4 digital outputs, designed for real-time monitoring and remote control in modern IoT and IIoT applications. The device communicates using the MQTT protocol, enabling lightweight, secure, and efficient data exchange with cloud platforms, SCADA systems, and IoT dashboards. Its wireless design makes it ideal for distributed automation where wired connectivity is impractical.

Key Features at a glance:

Application Areas:



WiFi Connectivity



Industrial Automation



Modbus TCP through WiFi



Building management



Support MQTT



Smart Car Parking



Compact Din Rail Mounting



Smart Logistics



Personal Support for your Implementation



Utility Management

Specifications	
Input Power	Unregulated 9 – 30 VDC
Power Consumption	Less than 1 W @ 12 VDC
Protections	Reverse Polarity, Overvoltage (+/- 35 VDC), Short Circuit, Transient Voltage, TVS/ESD
Indication	Power (Red), Status (Green)
Connector	5mm pitch screw terminal blocks
Enclosure	PC
Installation Type	Plug and Play
Dimensions	Modular Architecture (145mm x 90mm x 40mm)
Warranty	12 Months from date of installation or 18 Months from date of delivery (whichever is earlier)*

Data Connectivity	
WLAN	IEEE 802.11b/g/n 2.4GHz
Data Format	JSON format
Watchdog Timer	System (1.6 second) and Communication (programmable)
Supported Protocols	DHCP, and HTTP, MQTT
Indication	Green for Communication Status

Digital Input	
Channels	4
Contact Rating	24 VDC Sink/source (isolated) Up to 5000 VRMS for 1 minute
Standard	Opto isolated Inputs

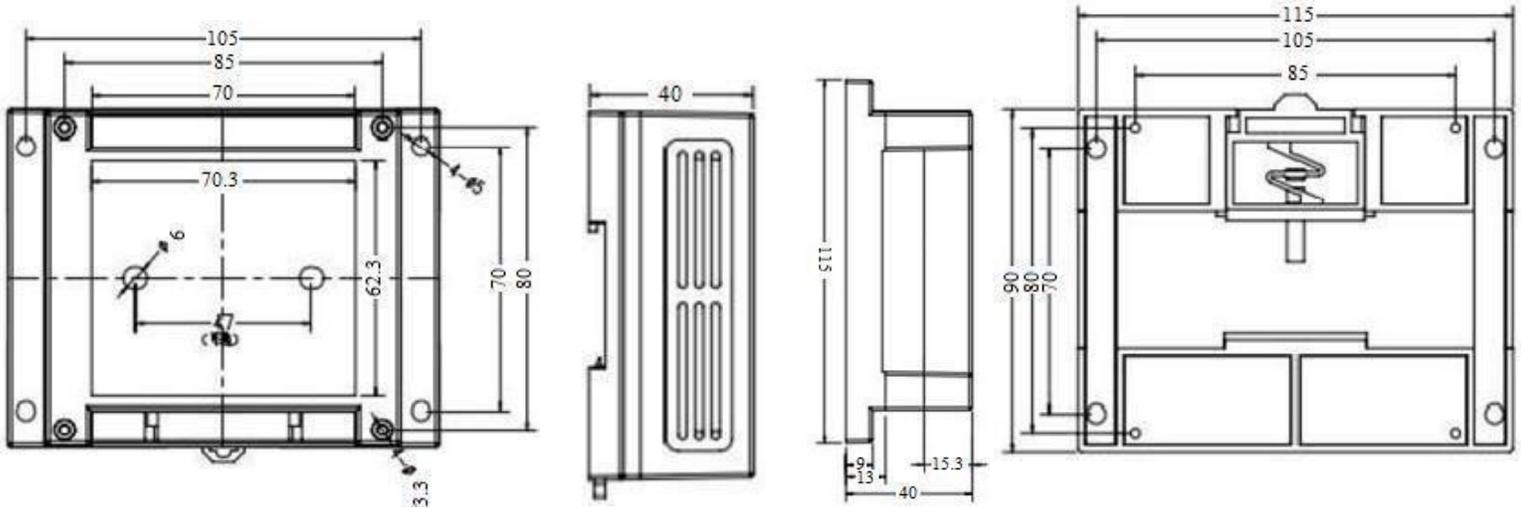
Digital Output	
Channels	4
Contact Rating	5Amp @ 240VAC 5Amp @ 30VDC
Type	Form A Type Relay Output

Environment	
Operating Temperature	0 to 65°C
Storage Temperature	-10 to 70°C
Operating Humidity	5 – 95% RH (non-condensing)

Mounting	
Built Architecture	Modular
Mounting	DIN Rail Mountable, Wall Mountable, Stack Mountable
Installation	Plug and Play Device

ORDERING INFORMATION	
Product Name	Product Code
4 Digital Input 4 Digital Output WIFI Node	XXXX

Dimensions (all units in mm)





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