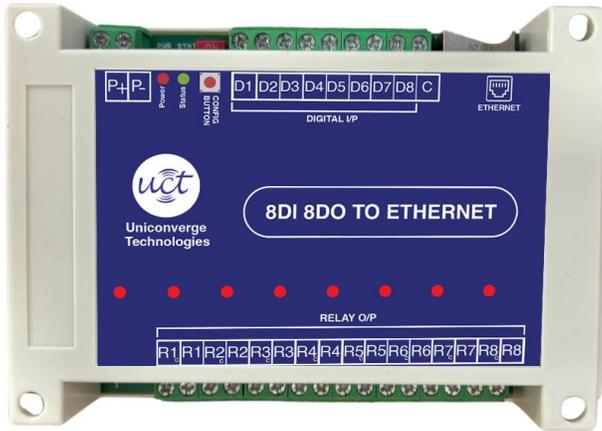




**CONVERGING UNIVERSE**

# 8 Digital Input 8 Digital Output TO MODBUS TCP



**A high-performance digital I/O module with 8 isolated digital inputs and 8 digital outputs, supporting Modbus TCP/IP for seamless integration with PLCs, SCADA, and IoT systems. Features real-time monitoring, remote control, and industrial-grade reliability, making it ideal for automation, building management, and smart infrastructure applications.**

## Key Features at a glance:



**Modbus TCP through Ethernet**



**Industrial Automation**



**Compact Din Rail Mounting**



**Building management**



**Rugged Durability With 8 Digital Input and 8 Digital Output**



**Smart Car Parking**



**Comprehensive Safety And Reliability**



**Smart Logistics**



**Personal Support for your Implementation**



**Utility Management**

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

Data Connectivity	
Connectivity Supported	<b>Ethernet 10/100 T</b>
Protocol Supported	<b>Modbus TCP</b>
Communication Interface	<b>RJ45</b>
Configuration	<b>Via Web Page Interface</b>
Indication	<b>Green for Communication Status</b>

Digital Input	
Channels	<b>8</b>
Contact Rating	<b>24 VDC Sink/source (isolated) Up to 5000 VRMS for 1 minute</b>
Standard	<b>Opto isolated Inputs</b>

Digital Output	
Channels	<b>8</b>
Contact Rating	<b>5Amp @ 240VAC 5Amp @ 30VDC</b>
Type	<b>Form A Type Relay Output</b>

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

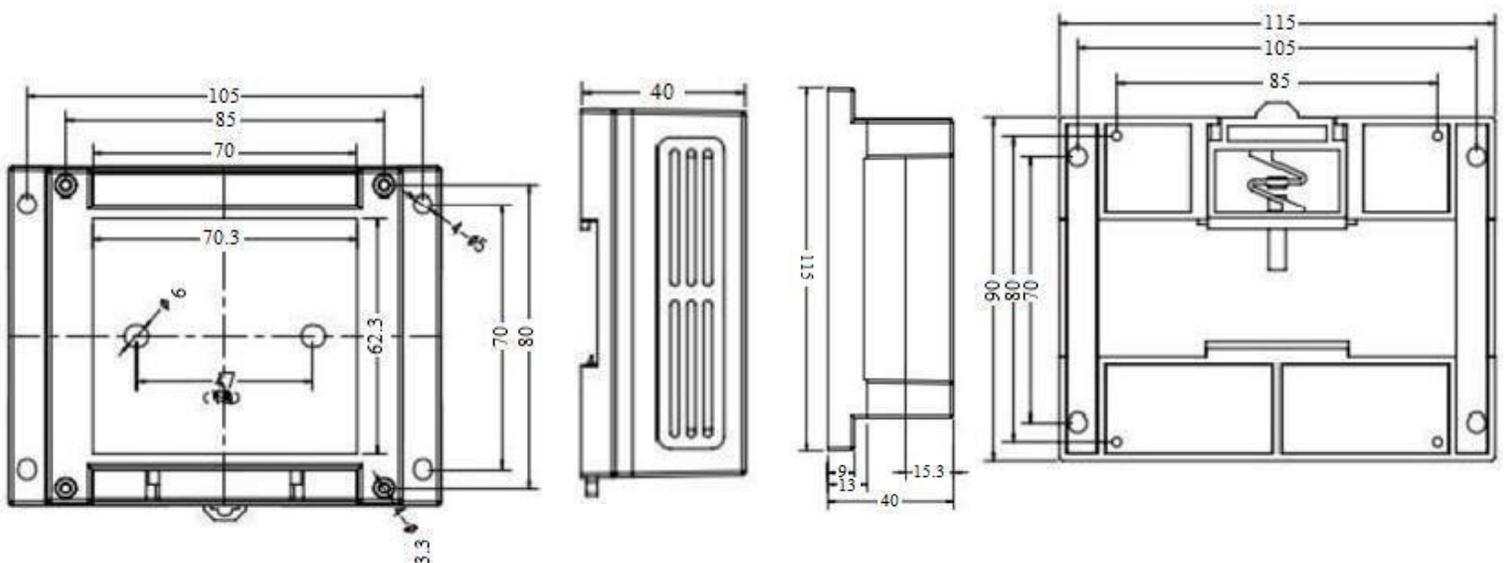
Mounting	
Built Architecture	<b>Modular</b>
Mounting	<b>DIN Rail Mountable, Wall Mountable, Stack Mountable</b>
Installation	<b>Plug and Play Device</b>

ORDERING INFORMATION	
Product Name	<b>Product Code</b>
8 Digital Input 8 Digital Output to Modbus TCP	<b>XXXX</b>

MODBUS ADDRESS FOR FUNCTION CODE 0x02 Read Discrete Inputs	
<b>ADDRESS (8DI)</b>	<b>Input Channel</b>
1000	Digital Input 1
⋮	⋮
1007	Digital Input 8

MODBUS ADDRESS FOR FUNCTION CODE 0x0f Write Multiple Coils / Write Single Coil (0x05)	
<b>ADDRESS (8DO)</b>	<b>Output Channel</b>
3000	Digital Output 1
⋮	⋮
3007	Digital Output 8

**Dimensions (all units in mm)**





**CONVERGING UNIVERSE**

## WHY CHOOSE US



### **On Time Delivery**

We provide the fastest turnaround time for your projects with the industry's best accuracy and output.



### **24\*7 Support**

We provide the support from our expert team for the installation and implementation



### **Transparent Pricing**

We maintain every price detail transparent. We customize packages after discussion with your management.

### **Do you have any questions?**

✉ [sales@uniconvergetech.in](mailto:sales@uniconvergetech.in)

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