

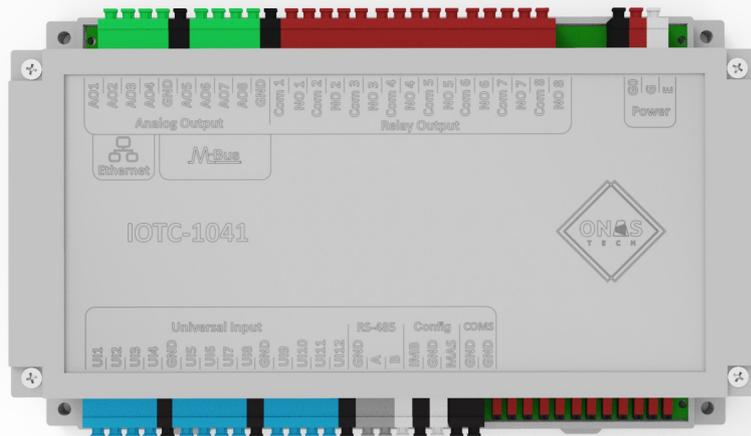


TECHNICAL DATASHEET

IOTC-1041 Modbus TCP Module

Introduction

Welcome to ONAS-TECH: Your Gateway to Cutting-Edge Electronics Solutions.



At ONAS-TECH, we are committed to reshaping the electronics industry landscape. With a foundation built on pioneering technological advancements, ONAS-TECH stands as your reliable partner for innovative and energy-efficient electronic solutions. As we embark on a mission to revolutionize the way electronics are perceived and utilized, we invite you to explore our latest product offerings and join us in shaping the future of technology together.

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For Technical support, please contact us: support@onastech.com

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Overview

Modbus TCP Module

Supports Modbus , M-BUS

ABS Material IP55.

24V AC Power Supply.

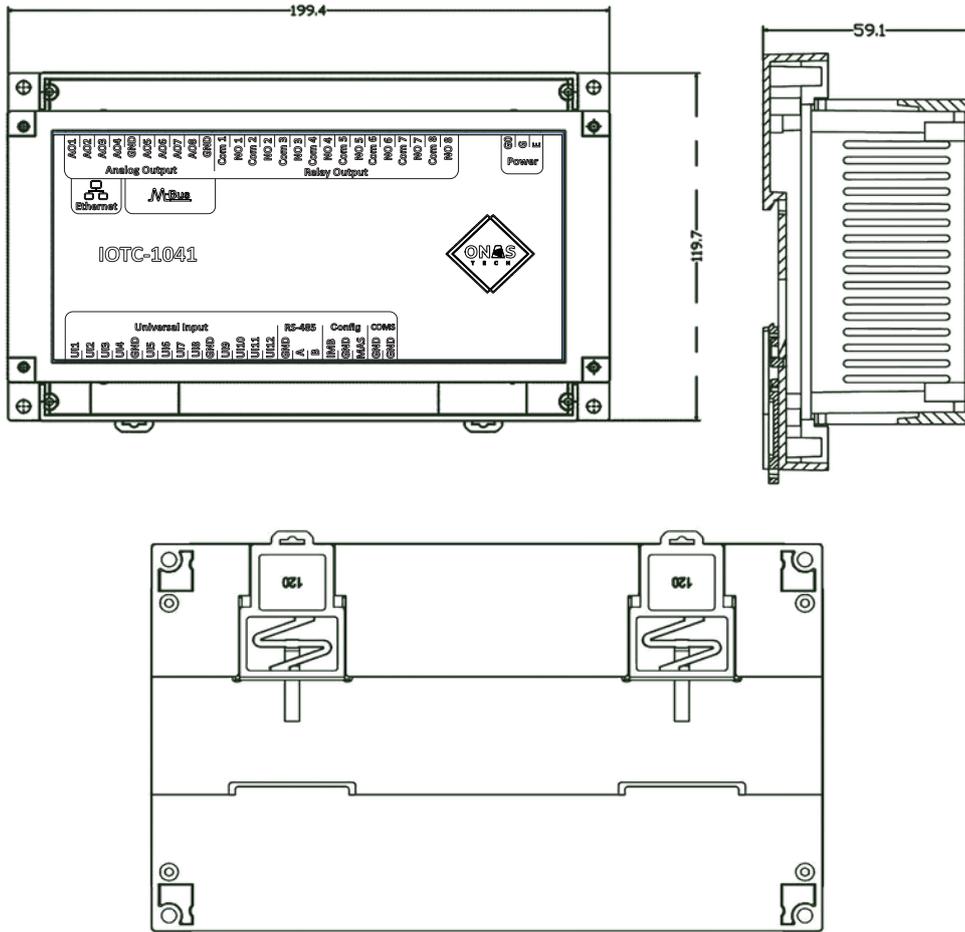
8 Relay Outputs, 8 Analog Outputs and 12 Universal Inputs.

Wifi-webserver for configurations.

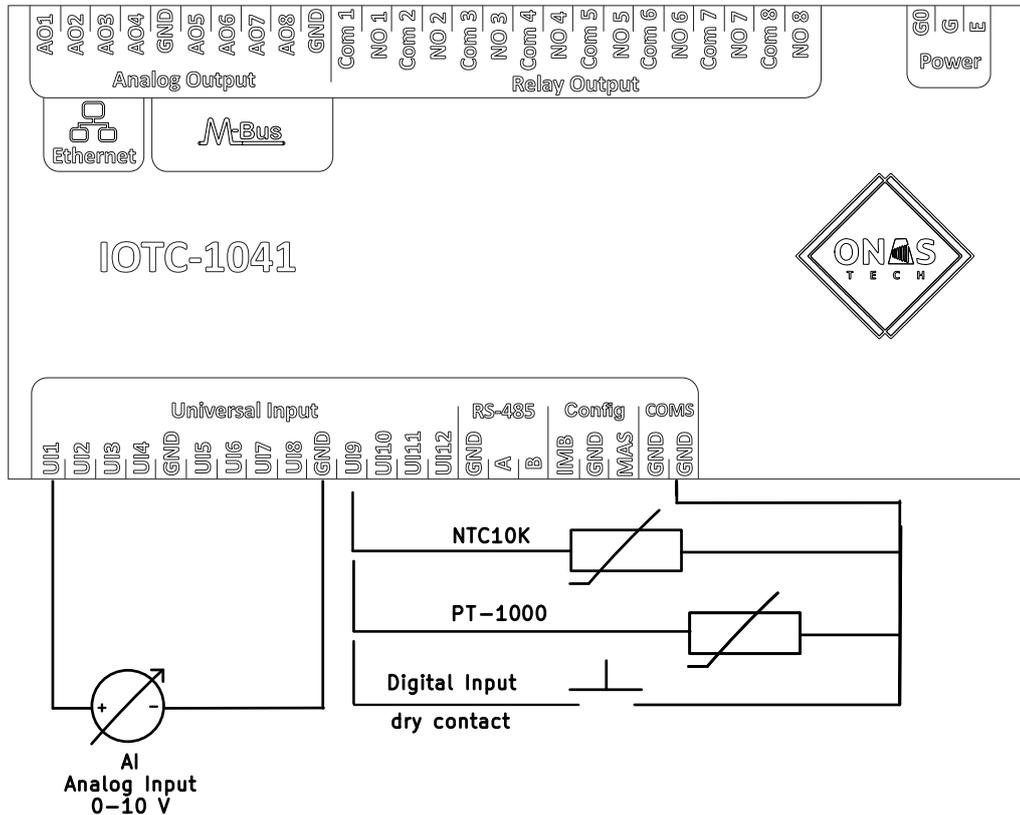
Technical Specifications

Property	Description	
Input Voltage / Power Cons.	24V AC \pm 20% or 24~30 V DC / 8VA	
Frequency	50Hz/60Hz for the AC input voltage	
12 Universal Inputs	12UIs can be used as analog inputs with resolution 12bits	Analog inputs (Mode 2) Using terminal GND and Any universal input 0...10 VDC 0(2) ...10 VDC Digital inputs (Mode 1) Using terminal GND and Any universal input Temperatures (Mode 1) Using terminal GND and any universal Input NTC10k Ω (-30...+100 °C) PT1000-1 (-50...150 °C)
8 Analog outputs	8 AO Terminals A1-----A8 +GN (Analog out)	0...10 VDC / \pm 1 mA
8 Relay outputs	8 relay outputs O1-C1.....O8-C8	Changeover relays Voltage: 19...250 VAC, 1...29 VDC max. total current: 2 A per channel
Terminals	Screw and Screw plugs	
Communication Protocol	Modbus TCP , Modbus RTU & M Bus	
Operating Temperature	0 ... 60 °C	
Compliance	Approval from the ministry of industry in Egypt. Complied to IEC 63044-5-1 & IEC 63044-5-2 requirements which are equivalent to the following: - UL 916 requirements. - EN 50491-11 requirements.	

Mounting



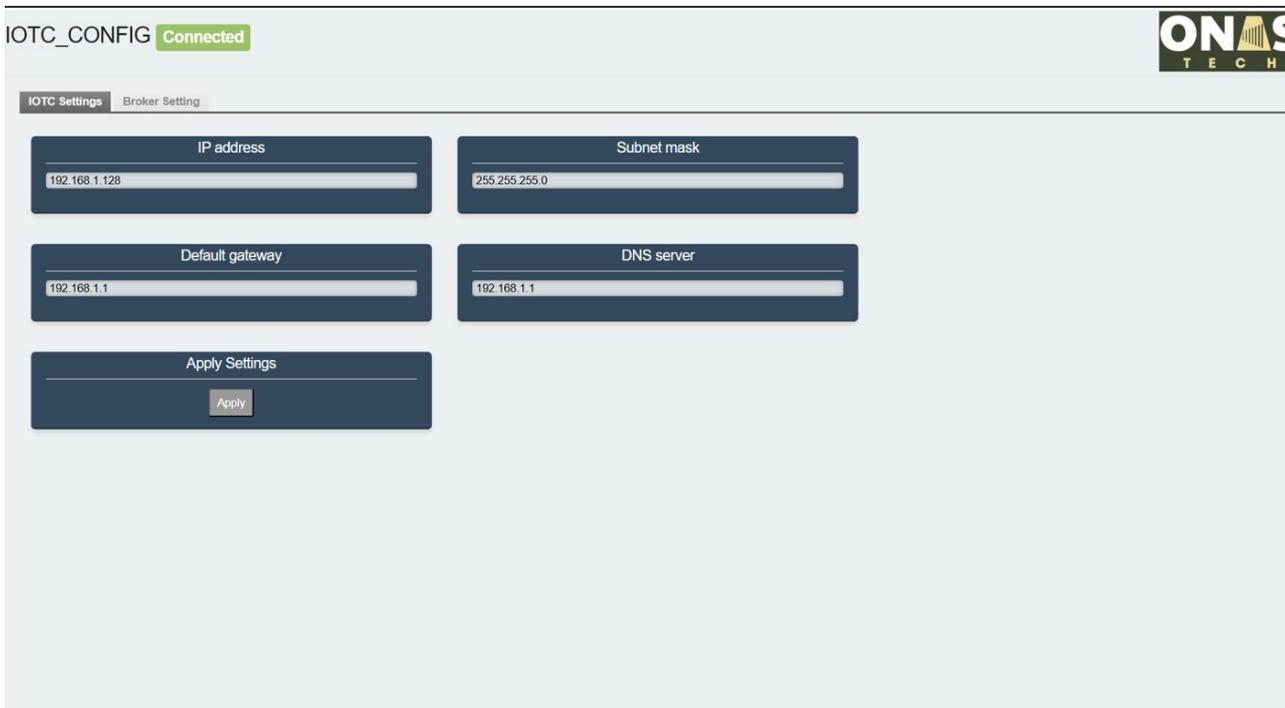
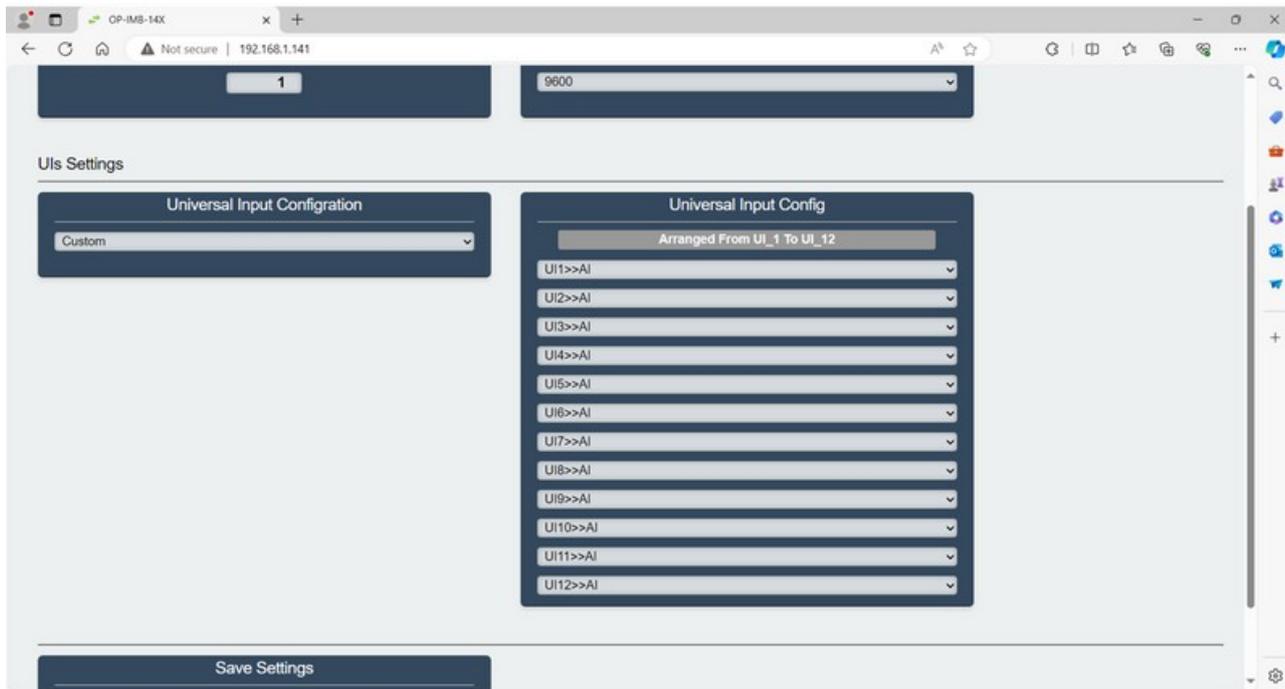
Wiring



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Web server configuration

for communication setting such as Address & Baudrate also the UIs configuration between digital input(on/off) or analog input(0-10)V or resistance . by enabling the wifi in the module and connecting the wifi network then you can set them.

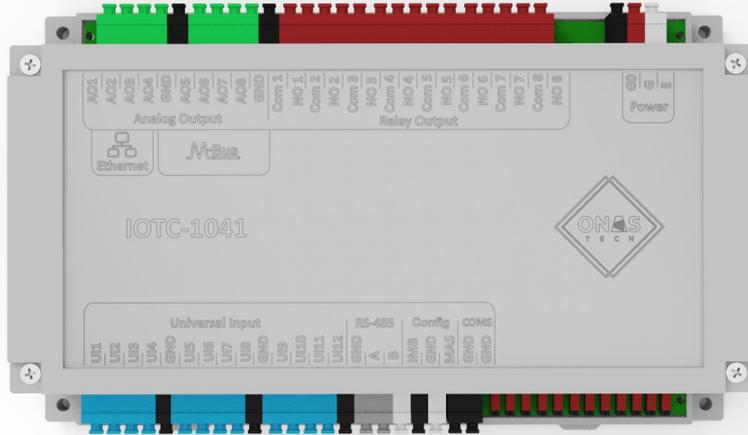


Contact us

For all inquiries regarding information and technical support, we kindly request that you direct your correspondence to our dedicated team. Our representatives are available to assist you via email at: support@onastech.com

Or visit our website www.onastech.com

We look forward to resolving your inquiries promptly and professionally.



Order Information

Feel free to contact us about your situation to select the best solution for you based on your IO List, ONAS presents

IOTC-1041-M

Supports MQTT , MBUS ,TCP Port
12 Universal Inputs , 8 Analog Outputs and 8 Relay Outputs
24 V AC

IOTC-1041

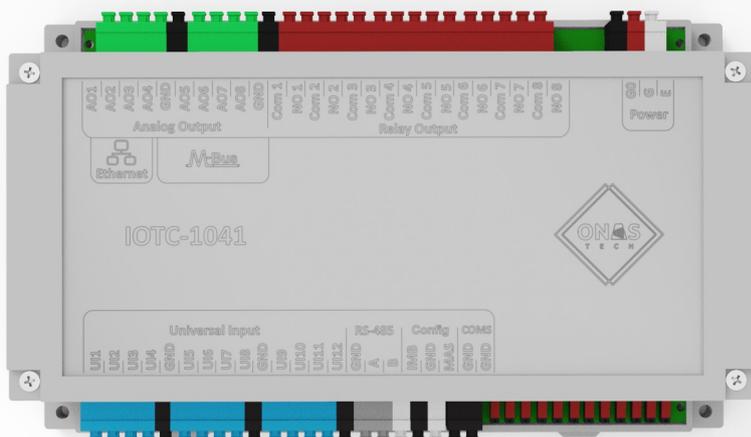
Supports MQTT , TCP Port
12 Universal Inputs , 8 Analog Outputs and 8 Relay Outputs
24 V AC

Contact us

For all inquiries regarding information and technical support,
we kindly request that you direct your correspondence to our dedicated team.
Our representatives are available to assist you via email at: support@onastech.com

Or visit our website www.onastech.com

We look forward to resolving your inquiries promptly and professionally.



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Technical specifications and availability subject to change without notice.