POWERFUL CONNECTION
TO INDUSTRY 4.0

Modbus
TCP/IP

HUBBOX
SMART INDUSTRIAL IoT

EASY
CONNECT
IOT DEVICES

CE FC

www.hubbox.io

WARRANTY GARANTİ

Q1 Q2 Q3 Q4
OUTPUTS

HUBBOX
SMART INDUSTRIAL IoT

I1 I2 I3 I4
STATUS DIGITAL INPUTS

IOR4

NO/COM Connectors

Outputs Led Indicator

100 Mbps Ethernet

Inputs Led Indicator

4 Digital Inputs

Power In / Power Out

DIN RAIL

HUBBOX
SMART INDUSTRIAL IoT

Industrial Remote Connection Device

hubbox.io

RELAY
CONTROLLER IOR4

X2 EASY CONNECT ROUTER | **IOR4** RELAY CONTROLLER 4 RELAY / 4 DI | **CM02** 2 WAY CURRENT METER | **IO12** ANALOG / DIGITAL PWM IO GATEWAY

HUBBOX
SMART INDUSTRIAL IoT
Family

Industrial Remote Connection Device

RELAY CONTROLLER IOR4

Reliable Connectivity in Industrial Automation

The IOR4 is designed to provide fast, reliable, and flexible I/O expansion for your industrial control systems, based on Modbus TCP communication. This compact module offers 4 channels of Digital Input and 4 channels of relay output. Easily collect your field data and centrally manage your actuators. Increase efficiency and save on installation costs in your modern automation projects with the IOR4.

IOR4 Key FeaturesProtocol: Standard Modbus TCP/IP support for seamless and instant integration with PLC, HMI, and SCADA systems.
Digital Inputs (DI): 4 Channels of Digital Input. Ideal for simple signaling and status monitoring applications.
Relay Outputs (DO): 4 Channels of High-Current Capacity Relay Output (e.g., 5A @ 220VAC/30VDC). Provides the ability to directly control powerful actuators.
Network Interface: 10/100 Mbps Ethernet connection for fast and stable data flow.
Industrial Design: Compact and robust construction suitable for DIN Rail mounting.
Status Monitoring: LED indicators displaying real-time I/O and communication status.
Machine Control: Monitoring limit switches and emergency stop buttons.

FEATURES	HUBBOX IOR4
Access Protocol	MODBUS TCP
Ethernet LAN Port	1
Relay Outputs (NO)	4
DI Ports	4
Device Access Options	HUBBOX RC Software ✓
	MODBUS TCP Supported PLCs ✓
	MODPOLL Software ✓
	Node-RED ✓
DIN RAIL mountable	✓
Concurrent Connections	2
Status Led	1
Relay Output Leds	4
Digital Input Leds	4
Reset Button	1
MAC Address Change	✓
Product Size (Unpacked, mm)	100x113,5x22
Relay Properties	220VAC-30VDC/5A
Input Properties	Logic=0<7.3V - Logic=1>10.7V
Operating temperature	-10 > +40 °C
Power feed	12-35 VDC / 3A

HUBBOX Access

HUBBOX Data

HUBBOX Management

HUBBOX Networks