



## Modbus TCP RFID Recognition System Gateway Module 18-30VDC 5Pin M12 A coded Male

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: KRG60-MT
- Minimum Order Quantity: 5 pieces
- Price: Negotiable
- Packaging Details: Paper box packing
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 pieces per month



### Product Specification

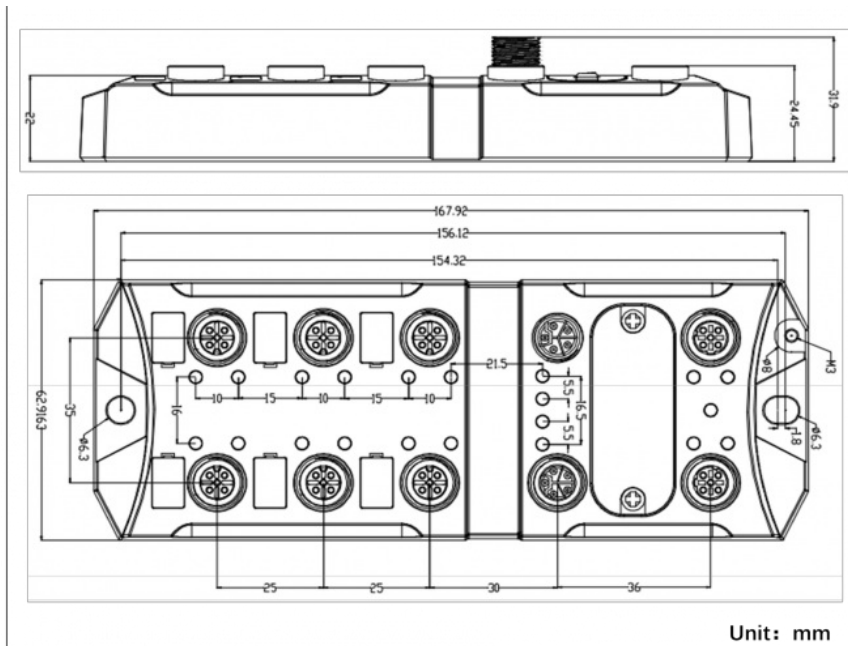
- Description: RFID Gateway Module
- Bus: Modbus TCP
- Connector: 5 Pin M12 A-coded Male
- Current Consumption: 60mA@24V
- RFID Port Number: 6
- RFID Communication Interface: RS-485
- RFID Port Transmission Distance: Shielded Twisted Pair, < 50m
- Degree Of Protection: IP67 according To EN 60529
- Highlight: **RFID Recognition System Gateway Module, Modbus TCP RFID Gateway Module, 30VDC RFID Recognition System Gateway Module**



## Product Description

### RFID Recognition System Gateway Module Modbus TCP 18-30VDC 5Pin-M12-Acoded Male

#### Product Description



**KRONZ**



#### Technical Data

Electrical data	
Supply voltage	18-30VDC
Current consumption	60mA@24V

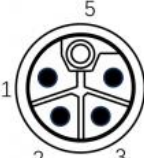
Power protection	Overcurrent protection, reverse connection protection, surge protection, ESD protection, FFT protection
Power Connector	5Pin-M12-LCODED- Male (PI) 5Pin-M12-LCODED-female(PO)
Bus	Modbus-TCP
Communication	Dual network ports with integrated switching function, compliant with IEE802.3 standard, 10 / 100M adaptive
Bus Transmission distance	Cat 5e and above shielded twisted pair, 100m
Network Connector	4Pin-M12-DCODED-M12-Female
RFID port number	6
RFID communication interface	RS-485
RFID port Transmission distance	Shielded twisted pair, < 50m
RFID connector	5Pin-M12-ACODED-Female
<b>Permitted ambient conditions</b>	
Operation temperature	-30 ~+70
Storage temperature	-40 ~+85
Degree of protection	IP67, according to EN 60529
Shock resistance	7M2, 500 m/s <sup>2</sup> , according to EN 60721-3-7
Vibration resistance	7M2, 200 m/s <sup>2</sup> , according to EN 60721-3-7
<b>Mechanical specifications</b>	
Housing Material	Aluminum Alloy
Housing color	Black
Weight	About 400g
Dimensions	167.92x62.92x31.90mm
Type of mounting	4 X M6 screws, the length of the screw should be ≥ 20 mm
Grounding	1 X M3 screws, Grounding ring inner diameter greater than 3 mm, outer diameter should be less than 8 mm.
Standards, specifications, approvals	
Proof of suitability	CE FCC RoHS WEEE


## 3 Electrical interface

LK1/LK2 Ethernet interface using a 4Pin-M12-DCODED-Female connector, the pin assignment is shown below.

Connector	Pin	Assignment	Description
	1	TD+	Tranceive Data+
	2	RD+	Receive Data+
	3	TD-	Tranceive Data-
	4	RD-	Receive Data-

Pi/Po Power supply interface using a 5Pin-M12-LCODED-Male/Female connector, the pin assignment is shown below.

Connector(Male)	Pin	Assignment	Description
	1	US (+24V)	System power supply positive
	2	GNDL (0V)	Load power supply negative
	3	GNDS (0V)	System power supply negative
	4	UL (+24V)	Load power supply positive
	5	PE	Protective earth

Connector(female)	Pin	Assignment	Description
	1	US (+24V)	System power supply positive
	2	GNDL (0V)	Load power supply negative
	3	GNDS (0V)	System power supply negative
	4	UL (+24V)	Load power supply positive
	5	PE	Protective earth

RF1~RF6 RFID interface using a 5Pin-M12-ACODED-Female connector, the pin assignment is shown below.

Connector	Pin	Assignment	Description
	1	US (+24V)	System power supply positive
	2	A (RS485)	RS485 A
	3	GNDS (0V)	System power supply negative
	4	B (RS485)	RS485 A
	5	NC	Not connected

# KRONZ

## ABOUT US

KRONZ is a manufacturing enterprise located in Zengcheng District, Guangzhou City. We focus on providing customers with high-efficiency industrial automation solutions and related industrial products. After many years of innovation and development, KRONZ has complete product processing equipment and a professional team who are proficient in various automation technologies.

In order to improve the quality of products and production efficiency, we continue to introduce advanced production equipment and technology, strengthen investment in research and development. At present, our main products include Industrial Connectors, Inductive Sensors, Capacitive Sensors, Photoelectric Sensors, Ultrasonic Sensors, Industrial power supplies, Industrial fieldbus, RFID recognition systems, Industrial Ethernet Switches

We not only produce the orders of standard products, but also have ability to make customize production based on customer design drawings or samples.

Adhering to the principle of mutual benefit, we provide our customers with competitive prices, and perfect after-sales service. KRONZ's products have been sold in multiple countries, have won the trust and praise of customers. KRONZ expect to collaborate with you.

## OUR FACTORY



## Certifications





# Logistics and Payment



1. Samples and small orders can be shipped with fast shipment method, by air and by express. Bulk order will ship by sea, by air, by train, by truck etc.
2. We also can send the goods to your agent warehouse.
3. If you need any more shipping method, please feel free to contact with us.



## Note:

Due to the wide range of our products, we cannot list all product pictures and corresponding product parameters. If you have other needs, please communicate with me. We can provide supplementary information and technical support. We Are Happy to Serve You.



CONTACT US

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