TECHNICAL SPECIFICATION

ATREYO®
SOLUTIONS THAT SIMPLIFY

Industrial Router with dual Ethernet and WiFi

AG-205



Features

- **Dual Ethernet and WiFi**
- **WiFi Access point feature**
- **VPN support**
- **OpenWRT system**
- **Fully programmable Linux environment**
- **Wide power supply range up to 48V**
- **Easy installation**
- **Compact size aluminium enclosure**
- **DIN rail mounting**

AG-205 is an industrial router with two Ethernet ports and WiFi dedicated to securely connecting devices to the network. With VPN support, it enables secure remote management of PLCs and other industrial devices. The router supports such protocols as Modbus TCP, Bacnet and many others. It runs under the OpenWRT system and also allows you to write your own scripts.
It has an aluminium enclosure and is mounted on DIN rail. A wide range of supply voltages up to 48V enables a wide range of applications.

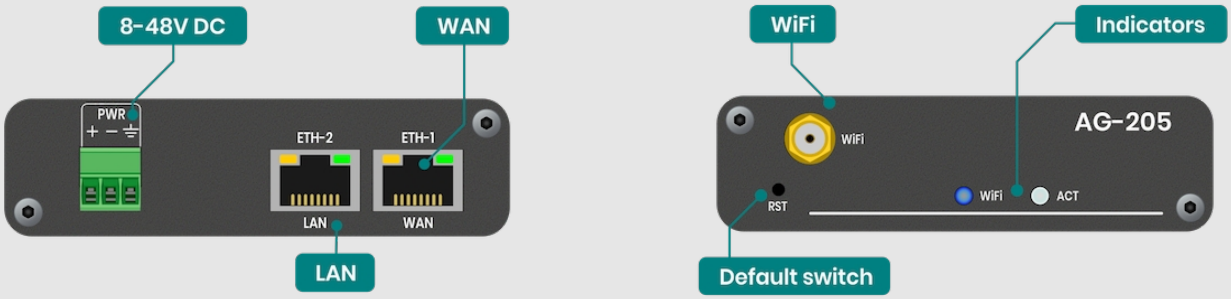
Description	Parameter
Processor	
Type	MIPS24KEc
Clock	580MHz
RAM memory	
Memory size	128MB DDR2 (optional 256MB)
Memory speed	1066max
Storage	
Internal flash	64MB
Ethernet	
Number	2
Type	10/100M port
Connector	RJ45 with LED indicators
WiFi	
WiFi type	2.4GHz
WiFi standard	IEEE 802.11/a/b/g/n, Access Points
Antenna connector	SMA female
System functions indicators	

Description	Parameter
Indicators	ACT – activity
	WiFi
System	
Operating systems	OpenWRT 23.05, kernel 5.15.71, Atreyo Environment V1.01.07
Booting source	Flash memory
Power supply	
Power supply	8-48V
Power consumption	1.6W (24V)
Connector	Pluggable screw (+, -, earthing)
PoE	Passive PoE over spare pairs. Not compatible with IEEE802.3af, 802.3at and 802.3bt standards
Protection	Reverse polarity, over voltage
Physical characteristics	
Installation	DIN-Rail, clamp
Housing	Aluminium
Weight	TBD

Description	Parameter
Dimensions	88mm x 64mm x 35mm
Environmental specification	
Operating temp.	-20 ~ 65°C (-4 ~ 149°F)
Storage temp.	-40 ~ 85°C (-40 ~ 185°F)

Description	Parameter
Environmental specification	
Ambient RH	5% ~ 95% (non-condensing)

Router



Standard package list

1 AG-205 Gateway
2 WiFi antenna
2 DIN rail clamp with screws
3 Female 3 pin main connector without cable

Please note: The set does not include a power supply.

For more details scan or click on QR code

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