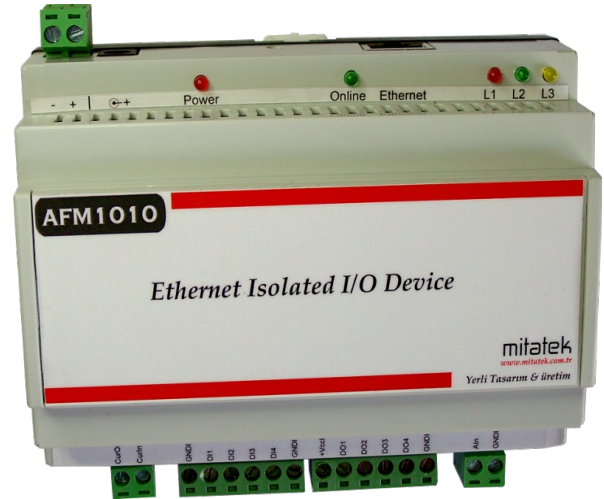


# AFM10x0

Ethernet Isolated I/O Device  
Modbus-TCP

*Analogue Voltage and current monitoring  
Remote I/O control  
Web monitoring and Control  
SCADA Applications*



## Specifications

- ◆ 10/100 BaseT Ethernet
- ◆ Modbus-TCP Protocol for I/O communication
- ◆ Two simultaneous TCP connection
- ◆ 4/8 Fully isolated Digital inputs
- ◆ Counters for inputs (1-0 count)
- ◆ 4/8 Fully isolated Digital outputs
- ◆ 1/2 set 4-20mA Current input and 0-10V sensor input
- ◆ Isolated 5-32V DC for core supply
- ◆ Maximum 24VDC supply for Isolated I/O
- ◆ Built in Web interface to see status and setup
- ◆ Remote setup PC application
- ◆ Five Leds for status
- ◆ DIN and Wall Mount case
- ◆ 125.3mmx90.6mmx56.6mm (WxLxH)

## Advantages

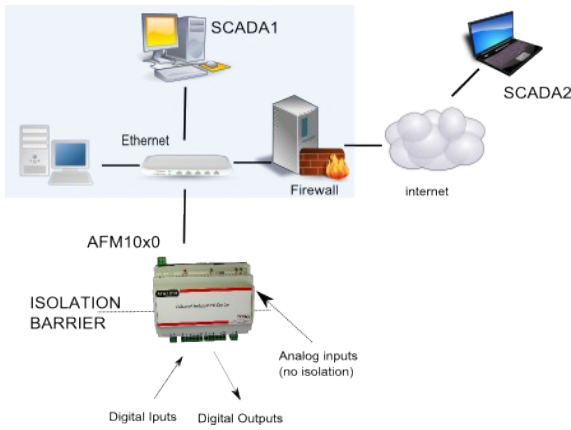
- ◆ Input status read and Output control via Ethernet TCP/IP interface.
- ◆ Compact system because of Digital and Analog interfaces are in one device.
- ◆ Web based monitoring and control
- ◆ Isolated input and output control for reliable system solution.
- ◆ Industrial widely used Modbus-TCP standard for SCADA software compatibility.
- ◆ Scalable structure for new I/O needs.
- ◆ Input Counters for reliable status read

## Technical brief

Operating Temp: [-25,+85] °C  
10 bit Conversion resolution  
AFM1010 4 DIO + 1 Set Analog Input  
AFM1020 8 DIO + 2 Set Analog Input



## Application



## Web interface

AFM1010 Ethernet Giriş-Çıkış Cihazı (4 DI, 4 DO, 4-20mA giriş, 0-24V giriş)

**AFM1010 Durum Ekranı**

**Giris**  
**Ayarlar**  
**IO Durumu**

**GİRİŞLER:**

DI#1:0 DI#2:0 DI#3:0 DI#4:0  
CI:0 C2:0 C3:0 C4:0

**ÇIKIŞLAR:**

DO#1:0 DO#2:0 DO#3:0 DO#4:0

DO1 Ac-Kapa DO2 Ac-Kapa DO3 Ac-Kapa DO4 Ac-Kapa

**ANALOG GİRİŞLER:**

Akım (mA): 327.67  
Gerilim (V): 1535.8

TCP durum: Bağlı Değil

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## Electrical values and operating conditions

Value	Min	Max	Notes
DC supply	5	32	V(DC)
Temperature	-25	85	°C
Current	40	200	mA ( 5V DC supply)
Ethernet	10Base-T	100BaseT	
Digital Inputs maximum isolation voltage	2500V	-	RMS value
Digital input/output supply voltage(VccIso)	0	24	V(DC)
Digital input maximum voltage (DIx)	0	24	V(DC)

## Documents

Value	Name
User Manual	MT_AFM1010_KK_01

## Order Code

AFM10X0-Y	X = 1 AFM1010 (4DIO, 1AI), X = 2 AFM1020 (8DIO, 2AI), Y: Isolated DC power input
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