IIoTNext MicrEdge

Cloud-Enabled IIoT Edge Processor
for Remote Asset Monitoring & Management

170 Series



Features

- Data Integration from PLCs, Controllers, Sensors via protocols like Modbus RTU, DLMS, Custom ASCII
- Control Digital Output from IIoTNext Platform over RPC
- Centralized Device Management & Device Configuration
- OTA Firmware upgrade
- Cloud Communication via Secure MQTT
- Inbuilt IOs & IO Expansion Modules
- Plug & Play with IIoTNext Platform
- Dual SIM Support
- Storage Expansion using MicroSD

IIoTNext MicrEdge 170 is a powerful IIoT Edge Processor with onboard I/Os for seamless industrial data collection and remote management via IIoTNext Platform or third party IIoT Platforms

General	
Input Power	: 12-24 VDC, 5W Max.
Mounting	: 35mm DIN Rail

Ports	
Serial Ports	: 1 x RS-232 (RJ45), 1 x RS-232 / RS-485 (RJ45)
USB Port	: USB Type A for Firmware

Protocols	
Device Connectivity	: Modbus RTU, Modbus TCP, DLMS, Custom ASCII

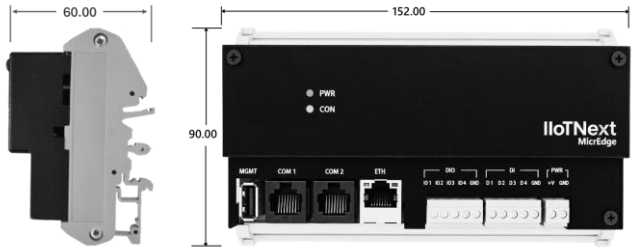
Connectivity	
Wireless	: 2.4 GHz WiFi IEEE 802.11 b/ g/n : LTE-M / NB-IoT , GSM-850/900/1800/1900MHz, 2 x Nano SIM Antenna Connector (WiFi & GSM): SMA Female

Configuration	
Mobile app	: For WiFi configuration

Inputs/Outputs	
Digital Input/Pulse	: 4 x 100Hz Pulse Input / Digital Input, 12-24 VDC
Digital Input/Output	: 4 x Digital Input / Output (Configurable) Digital outputs: sourcing (PNP-type), high-side switched.

Environment	
Operating Temperature	: -20 to +60 °C
Humidity	: 5 - 95% without conden-sation

Dimensions (in mm)



Ordering Information

(Part #)

Description		Part Number						
		Model	-			-		
Version	Ver #	INME170		01			X	X
Ethernet	Not Available						X	
	Available						E	
Wireless	WiFi Only				W			
	LTE & WiFi				L			

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