



M1 GATEWAY

MESHIFY PLATFORM CONNECTIVITY

Cellular	LTE + 3G
Wi-Fi	2.4 GHz 802.11 b/g/n
Ethernet	10/100 mbps
GPS	5-Band GPS

POWER

Operating Voltage	9 - 24 VDC
Max Current Required	7 A (max)
Battery Backup (Optional Kit)	4 x AA NiMh

INPUTS/OUTPUTS

Ethernet RJ45	1
Serial RS232, RS485	1, 1
GPS External Antenna (Included)	SMA
Wi-Fi External Antenna (Included)	RP-SMA
3G External Antenna (Included)	SMA
SIM Card Slot (Card Included)	1
Optically Isolated Digital Input (+12V)	4
Analog Input (0-24V)	3
Latching Relay Output	1
Digital Output (1A)	4
1 Wire Port	1
Current Loop Input (4-20mA)	2

DATA COLLECTION PROTOCOLS

Modbus Serial	Yes
Modbus TCP	Yes
Pulse Counter	Yes
EtherNet/IP	Yes

MECHANICAL FEATURES

Dimensions (L x W x H)	4 in. x 4 in. x 1.6 in.
Chassis Type	IP5x
LED Indicators	Power, Cellular Strength, Meshify Connectivity
DIN Rail Compatibility	Optional with Kit

ENVIRONMENTAL

Operating Temperature	-40 - 60 °C
Relative Humidity	Non-Condensing

SAFETY AND CERTIFICATIONS

UL Listed	Yes
CSA	Class 1 Division 2, Groups A, B, C and D
FCC Compliance	Contains FCC ID: R17HE910