

# EZLink™ HydroMET

Low Power IoT Data-Logger for extreme conditions

**m2mLOGGER**<sup>®</sup>  
remote monitoring eco-system

## AUTOMATIC WEATHER STATION

Automatic weather monitoring for extreme temperature range

## HYDROLOGY

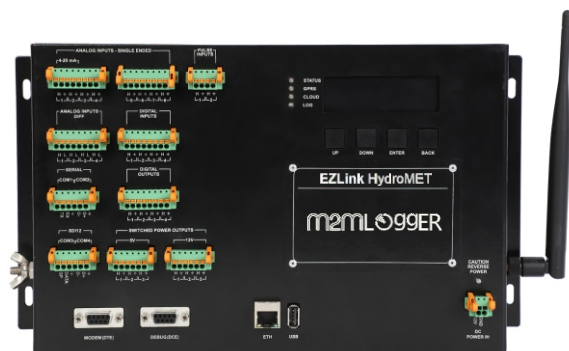
Water levels, pressure, temperature, flow etc

## AIRPORT WEATHER OBSERVATION

Airport and runway weather observations, visibility monitoring

## INDUSTRIAL & SCIENTIFIC

Sensor with RS485 MODBUS, 4-20mA, mV, V, SDI12, Pulse outputs



ETHERNET



CELLULAR



SATCOM



VSAT



LOW POWER

## DISPLAY & KEYPAD

Display Type	4x20 OLED Display (Sunlight readable)
Keypad	4 x Keys (Up, Down Enter, Back)
LED Indications	5 x LEDs (Status, GPRS, Cloud, Log, Reverse Power)

## PHYSICAL

Dimensions	328 (L) x 194(W) x 50.2(D) mm
Mounting	Panel / Wall mount
Weight	1.6Kgs approx.
Color (RAL)	Black (9005)
Material	AL-5052

## Technical Specifications

### GENERAL

Connectivity	Ethernet for VSAT Communication GSM/GPRS (4G) Quad Band <i>FDD LTE, TDD LTE, TDSCDMA, WCDMA</i> <i>CDMA2000 1x/EVDO, GSM (900/1800MHz)</i> MODEM (DTE) Port for Satellite Communication
Logging	1 min - 24 hours / reading
Transmission	User configurable
Storage	16GB SD Card (Extended Temperature Range) 2Mbit EEPROM (form internal Storage)
Interface(s)	2 x EIA RS485, 1 x RS232, 1 x SDI12 2 x 4-20mA (Single Ended $\pm 0.1\%$ of FS) 6 x 0-5V (Single Ended, Accuracy: 100 $\mu$ V) 4 x $\pm 2.5$ V (Differential, Accuracy: 100 $\mu$ V)) 4 x Digital Inputs (0-5V) 2 x Pulse Inputs (0-5V, 100KHz, 16 bits) 4 x Digital Outputs (Open Collector, 125mA/ch)
Switched Power	3 x 5V (1A/ch, Cumulative: 1A, Regulated) 3 x 12V (1A/ch, Cumulative: 1A, Regulated)
USB Host	1 (USB 2.0)
Voltage	8-15 VDC $\pm 10\%$ (Nominal 12VDC)
Power	5W (peak)
Current	Operating: 300mA, Sleep: 5mA @12VDC
Protection	Surge protection on sensor inputs, Over voltage and reverse polarity protection on Power Input
Isolation	1.5KV Galvanic Isolation
Clock	Internal (Stability 1ppm/yr) with 1yr backup
Configuration	HMI, Debug (DCE) RS232 port
Programming	1 x Micro USB port
<b>ENVIRONMENTAL</b>	
Operating Temperature	-40 to 60 °C
Humidity	0 to 100% RH (non-condensing)

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## **M2MLogger**

An ISO 9001:2015 Certified Company

### **HEAD OFFICE**

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### **WORKS**

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