

# METEREYE

MeterEye® is a revolutionary turn-key solution for remotely monitoring meters that were not designed for telemetry, giving producers and endusers the benefit of real-time information.

MeterEye® simply and non-invasively captures an image of the meter face and wirelessly delivers it to AMCi-Wireless' web-based SCADA. Stores viewable images and data, generates reports, displays graphs and configures alarms - including digital meter low battery indication - using just a web browser.



# PRODUCT SPECIFICATIONS

## SATALARM® SERVER WEB-BASED SCADA

- Web browser based historian
- Color graphical interface
- User configurable displays
- Customizable dashboard
- Multi data point graphs
- Data tracking
- Integrated Maps
- Equipment configuration
- Device control
- Data conditioning
- Reporting

## EXTERNAL INTERFACES

- Serial: 2 ports; RS-232 and RS-485
- I/O: 4 channel; individually configurable as analog input or digital input/output
  - Analog inputs: 0 – 3.0V, 1.0mV (12-bit) resolution; 4-20mA, 143 Ω loop resistor
  - Digital inputs: -10 – 150VDC safe, pull-up or pull-down
  - Digital outputs: 32VDC safe, 250mA sinking (open drain), or 3VDC, 25µA (push-pull)
- Additional I/O available using Modbus I/O expansion modules

## PROGRAMMING

- Reporting (configured over the air):
  - Configurable time-of-day based schedule
  - Configurable interval-based schedule
  - 3 minutes up to once every 3 days
  - By exception; user definable test conditions
- Modbus RTU:
  - 16 configurable commands
  - Data reportable by schedule, interval, threshold test, any change, or pattern match

## PHYSICAL

- 5.0 x 5.0 x 4.0

## ENVIRONMENTAL

- Operating Temperature: -20°C to +50°C
- Storage Temperature: -40°C to +85°C
- Humidity: 90%RH @ 85°C; meets SAE J1455
- Dust and Water Ingress: IP66/Nema-6P (with door screws installed)

## SATELLITE MESSAGING

- Two-way, global, IsatData Pro
- From terminal (max per message) - 6400 bytes
- To terminal (max per message) - 10,000 bytes

## CERTIFICATIONS/ COMPLIANCE

- Satellite - Inmarsat
- Other - C-Tick, CE, FCC, IC, Anatel, RoHS(?)

## GPS

- Acquisition Time: 27 seconds (warm & cold)
- Accuracy: 2.5 meters (CEP-Horizontal)
- Sensitivity:
  - Acquisition: -147 dBm
  - Tracking: -159 dBm

## CORPORATE

255 Pennbright Drive,  
Suite 240  
Houston, TX 77090

## COLORADO

2171 S Trenton Way,  
Suite 217  
Denver, CO 80231

## AUSTRALIA

2/26 Carbine Way,  
Mornington,  
Victoria 3931

## INDIA

146/1 Bakhtawar RAM  
Indore, Madhya Pradesh  
PIN 452018

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770790

PH: +91  
7898144480

# PRODUCT SPECIFICATIONS

## POWER

- Solar Power: 12VDC, 5W, 7Ah

## SATELLITE COMMUNICATION

- Frequency
  - o From terminal: 1626.6 – 1660.5 MHz
  - o To terminal: 1525 – 1559 MHz
- Elevation Angle: 20° to 90° for communications link
- Maximum EIRP: 7.0 dBW
- Maximum Antenna Gain: 4.5 dBics

## ENCLOSURE

Polycarbonate

- Nema-4x/6P (with door screws installed)
- 1x ½-inch pass-thru cord grip
- Lockable

## WARRANTY

- 3 year standard limited warranty

### CONTACT DETAILS

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