

## iMETER SPECIFICATIONS

### iMETER MASTER

|                       |  |                        |   |
|-----------------------|--|------------------------|---|
| • Sensors:            | 8x RJ45 Auto detecting ports.  | • Alerts:              | Email, SNMP Traps, Voice & SMS via optional additional GSM USB modem  |
| • Relay Outputs:      | Any RJ45 sensor port can be configured as a relay.   | • Alert configuration: | 1. Temperature/humidity: High/low warning and critical.<br>2. intelliAmp/intelliVolt: High/low warning and critical.<br>3. Go-Probe alarm sensors: Normally open/closed or high/low active, user configurable. Event, status and configuration. |
| • Optional Equipment: | iMeter Slave: 8x RJ45 sensor ports.<br>iMeter DC16: 16x Dry Contact 2-wire ports.<br>GSM USB Modem | • Logging:             |   |
| • Weight (kg):        | 1.09   | • Graphs:              | Real-time and historical.   |
| • Network:            | 10/100Mbps Ethernet (auto-sense)   | • Graph interval:      | Daily, Weekly, Monthly and Yearly   |
| • Status Indicators:  | Sensor online and status LED, Power LED, 10/100 LED  | • Firmware Upgrade:    | Via Network connection  |
| • Configuration:      | Telnet, browser, modbus  | • System Security:     | IP-based filtering and password protection.   |
| • Monitoring:         | Browser, NMS, Telnet   | • Warranty:            | 1 year  |
| • Dimensions (cm):    | 4.6(h) x 21.6(w) x 13.8(d)   |                        |   |
| • Power:              | 7.5VDC PSU supplied.   |                        |   |

All specifications may be subject to change without notice.

### iMETER SLAVE

|                       |   |                      |   |
|-----------------------|---|----------------------|---|
| • Sensors:            | 8x RJ45 Auto detecting ports.   | • Configuration:     | Via iMeter Master                                 |
| • Relay Outputs:      | Any RJ45 sensor port can be configured as a relay.                              | • Monitoring:        | Via iMeter Master                                 |
| • Optional Equipment: | iMeter Slave: 8x RJ45 sensor ports<br>iMeter DC16: 16x Dry Contact 2-wire ports | • Dimensions (cm):   | 4.6(h) x 21.6(w) x 13.8(d)                        |
| • Link Distance:      | Up to 300m  | • Weight (kg):       | 1.09  |
|                       |   | • Power:             | 7.5VDC PSU supplied.                              |
|                       |   | • Status Indicators: | Sensor online and status LED, Power LED, Link LED |
|                       |   | • Warranty:          | 1 year  |

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### iMETER GO-PROBE SENSORS

|                                       |   |
|---------------------------------------|---|
| • intelliAmp Current Sensor (Amps):   | Monitor single phase 16 and 32 Amp cables (2.5mm <sup>2</sup> and 4mm <sup>2</sup> internal cable core sizes. L, N, E) 10,000 samples per second 50Hz.                    |
| • intelliVolt Voltage Sensor (Volts): | Monitor single phase AC voltage up to 265VAC 10,000 samples per second 50Hz.  |
| • Temperature/Humidity:               | High / low, warning / critical temperature and humidity thresholds can be configured via the iMeter browser. Temperature min. -40°C max. 120°C Humidity min. 0% max. 100% |
| • Water Detector:                     | Supplied with a 3m or 18m water leak detection cable. The leak detection cable will cause an alarm when water touches any part of the cable.                              |
| • Security Sensor:                    | Can be used to detect unauthorised access or simply if a door/window has been left open.  |
| • Smoke Detector:                     | Ionisation smoke detection system.  |
| • Airflow Sensor:                     | Detects the rate of airflow from 0 to 100%  |
| • Warranty:                           | 1 year  |

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