DATAWATT
AN OVARRO TECHNOLOGY

IoT SERIES

The Datawatt Internet of Things (IoT) series is suitable for different types of sensor measurements, such as pressure, flow, water height, battery voltage or temperature logging.

The IoT-series loggers send data quickly and securely to a central system with low energy consumption.

- **Measurements synced each minute**
- **Real time localization and notification of leakage (based on pressure)**
- **Data sent at variable intervals**
- **Up to 10+ years battery life using IoT connectivity**

Function	Comment
Designation	Internet of Things (IOT) ready remote terminal unit (RTU)
Processor	32 bits, ARM micro-controller, Stm32l07x – 16 Mhz
Clock	Real-time clock with optional lithium battery backup
Memory	20 kB Sram 192kB Flash 32 Khz RTC
Communication	NBIoT/CATM1/GPRS, Bluetooth
Power Supply	Between 3.3 and 4.2 Volt, Battery life 10+ yrs in most applications
Inputs/Outputs	Standard I/O: pulse, onewire, TTL or 4-20mA
Connectors	2 connectors: Battery 3,6 VDC Sensor TTL
Programming	With Teraterm Software Tool
Languages	Dutch / English
Alarm Handling	Yes
Data Logging	Yes
SCADA Compatible	Yes, NB-IoT Connector
Remote Upload	Yes
Security	Yes Check at Datawatt the applicability of the individual security functionality

www.ovarro.com
Ovarro has a global network of offices and partners.
Visit our website to find your local office.

OVARRO
CONNECTING
TECHNOLOGIES

IoT SERIES

The Datawatt Internet of Things (IoT) series is suitable for different types of sensor measurements, such as pressure, flow, water height, battery voltage or temperature logging.

Function	Comment
Size	35 x 70 mm
Mounting	3 x 3 mm mounting holes
Temperature	Operating Temperature Range: -40°C to +85°C Operating voltage: 2.1V to 3.6V (3.3V typical) Humidity: 10% ~ 90% non-condensing
Humidity	10%~90% non-condensing
Material	Plastic, Other options available
Approvals	CE
MTBF	10 Years

www.ovarro.com
Ovarro has a global network of offices and partners.
Visit our website to find your local office.

OVARRO
CONNECTING
TECHNOLOGIES