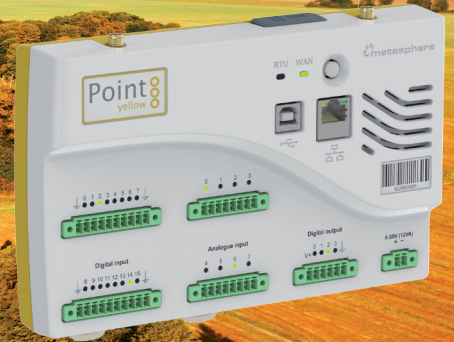


IMPROVED OPERATIONAL EFFICIENCY AND PERFORMANCE
ACCURATELY MONITOR AND CONTROL REMOTE ASSETS
SECURE, VERSATILE, COMPACT



Point Yellow is a secure, compact and fully programmable mains-powered RTU, suitable for remote monitoring, automation and control applications. With onboard, software configurable I/O, Point Yellow is the versatile choice to improve operational efficiency and performance.

Point Yellow helps utilities to accurately monitor and control their remote assets, thereby improving operational efficiency and performance in industrial environments.

Point Yellow offers real-time remote monitoring of up to 28 sensors, making it a versatile and flexible option for use in remote locations in industrial environments. Furthermore, support for multiple protocols, allows for secure, seamless integration with third-party platforms and devices. With support for customisable logic programs (IEC-61131), the Point Yellow can store thousands of records in memory for later retrieval by SCADA systems.

The device offers remote device management including firmware upgrade and device configuration, thereby delivering a cost-effective solution that minimises the need for additional site visits that saves time and money. External LED's provide visual feedback to users, which when combined with the Poco+ configuration tool, allows for rapid field deployment, again saving time and money.

The Point Yellow design exploits mainstream technologies to minimise costs and ensure reliability and longevity. Utilising the latest low power technology, Point Yellow has a multiband modem supporting LTE/4G with 2G/3G fallback. This ensures Point Yellow has a long service life with significant reduction in Total Cost of Ownership. Point Yellow enables utilities to accurately monitor and control remote assets at water and wastewater pumping stations, water treatment works, water quality plants and much more.

BENEFITS



Secure and easy to configure.
Fully programmable



Versatile, perfect for a wide range of remote monitoring and control applications



Flexible protocols for seamless integration with various third-party systems



Integrated bracket for easy installation



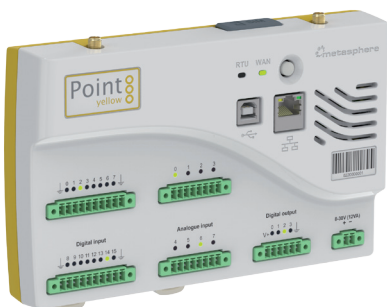
Alarm reporting minimising asset downtime



Remote device management saving time and money

POINT YELLOW

Point
yellow



TECHNICAL SPECIFICATION

Analogue Inputs	<p>8 channels</p> <p>Type: Current loop (4-20mA) or Voltage (0-5V, 0-10V)</p> <p>Accuracy: $\pm 0.5\%$ (full scale)</p> <p>Resolution: 16-bits</p> <p>24V isolated excitation voltage</p> <p>Two banks of 4 channels isolated from each other</p>
Digital inputs	<p>16 channels (14x 100Hz and 2x 10kHz counters)</p> <p>Volt free</p> <p>+/- 15kV ESD protection</p> <p>32-bit count</p>
Digital outputs	<p>4 channels</p> <p>Open collector with diode protection</p> <p>Voltage 10 to 30V</p> <p>Load current 250mA per channel</p>
Power	<p>DC power input (10-30V DC)</p> <p>Max power 45W (3A @15V)</p> <p>Sensor power supply (12V DC, current loop or voltage)</p>
Protocols	<p>Modbus</p> <p>DNP3 with support for SAV5</p> <p>Modbus TCP master (Ethernet)</p>
Memory	<p>256MB flash memory</p> <p>128MB static RAM</p>
Comms	<p>LTE with 2G/3G fallback. (IP only)</p> <p>E10/100 Ethernet (WAN or Expansion)</p>
Programming	<p>IEC-61131 5x languages using Straton workbench</p>
Local monitoring	<p>Ambient temperature sensor ($\pm 1^\circ\text{C}$)</p> <p>External supply</p>
Remote management	<p>Remote firmware upgrade</p> <p>Remote configuration</p>
Dimensions	<p>190mm x 120mm x 35mm</p> <p>0.3 Kg (fully assembled)</p>
Environmental	<p>-20°C to +70°C</p> <p>5% - 95% Relative humidity non-condensing</p>

Point Yellow Sales flyer
Aug-22

FIND OUT MORE!

If you could like to monitor and control remote assets, get in touch to find out how **POINT YELLOW** can transform your network.



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