

Reliable, Versatile, Robust and Industry Leading Telemetry Systems...

Suitable for many applications from water level management to pump operation, tank monitoring to Vendor Managed Inventory (VMI) Systems, introducing the Mark 5 Outstation from Oriel Systems Ltd.

Company Features...

- ✓ Full UK Based Customer Services
- ✓ Experienced Engineer Lead Operations
- ✓ All systems UK made
- ✓ Over 30 Years Industry Experience
- ✓ Established in 1984
- ✓ Leading research and development department
- ✓ Free regular updates
- ✓ Operations and maintenance contracts available

Product Features...

- ✓ All in one architecture providing PLC, Communications and SCADA
- ✓ Web server
- ✓ Alarm notification
- ✓ Data logging
- ✓ Ethernet and Wireless Communications Available
- ✓ Live conditions and historical data
- ✓ Powerful automation control
- ✓ Secure via Authentication, HTTPS and VPN
- ✓ Configurable for different applications
- ✓ Virtually any sensor compatible
- ✓ Compact and robust design
- ✓ Range of power options

The Mark 5 Unit

The mark 5 unit is the latest and most exciting telemetry outstation from Oriel Systems Ltd. Utilising low power components and built to an exacting specification at our head office in Chippenham, Wiltshire, the mark 5 is a perfectly sized and robust unit, that can be used in a variety of applications.

Used in many industries from Oil and Gas through to food and drink manufacture, the unit has many unrivalled features with a superior build quality. The unit is also fully customisable and offers an array of communications options such as radio, GPRS, GSM and network, along with power options including solar and battery as well as mains power.

Specification

Processor	400MHz Atmel AT91SAM9G20 ARM core processor 32MB 133MHz high speed SDRAM 4MB SPI FLASH
Connectivity	2 x High Speed Com Ports 1 x USB Optional Ethernet
Communications	Radio / RS32 GSM GSM/GPRS PSTN ETHERNET WiFi
Power Supply	110V / 120V / 240V AC. 24 Volt DC option Solar Photovoltaic Panel Battery Backup Option Battery back-up option providing up to 12 hours autonomy with the standard battery. Battery and mains diagnostics standard.
Inputs	Analogue: Up to 8 Channel, Input type: mV, V or mA. Range: ± 150 mV, ± 500 mV, ± 1 V, ± 5 V, ± 10 V and ± 20 mA (selectable). Digital: Up to 8 Isolated Channels, Levels: Logic Level 0 \Rightarrow + 1V, 0 \Rightarrow +3V to +30V
Outputs	Digital: 4 Channel Volts-free relay contacts
I/O Expansion Options	A full range of expansion I/O module options are available to include:- Analogue Inputs; Analogue Outputs; Digital Inputs; Digital Outputs; Counter Inputs; Relay Outputs.
Dimensions (w x h x d) & Weight	167mm X 125mm X 72mm 680g
IP Rating	IP65 Enclosure

For more information on the Mark 5 Outstation, or any of our products and services, please visit www.orielsystems.com or call us on 01249 70 50 70.

