

Reliable, Durable, Robust and Industry Leading Telemetry Outstation...

Building on the previous success of the mark 2 and mark 3 outstations, the mark 4 features heavily with output control and unlimited inputs, both digital and analogue ensuring your data is where you need, when you need it.

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
- ✓ Modular Design – Unlimited inputs and outputs
- ✓ Dual Communications – Radio and GPRS
- ✓ Data logging
- ✓ Range of Communications – Radio / GPRS / GSM / PSTN
- ✓ Live conditions and historical data
- ✓ Powerful automation control
- ✓ Secure via Authentication, HTTPS and VPN
- ✓ Configurable for different applications
- ✓ Virtually any sensor compatible
- ✓ Range of power options

The Mark 4 Outstation

The mark 4 unit is the company's flagship outstation, with unrivalled reliability and durability. Utilising low power components and built to an exacting specification at our head office in Chippenham, Wiltshire, the mark 4 is a reliable 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	300MHz DM&P Vortex86DX core processor 128MB 133MHz high speed DDR2
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 Channels per module (unlimited modules), 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 per module (unlimited modules), Levels: Logic Level 0 \Rightarrow +1V, 0 \Rightarrow +3V to +30V
Outputs	Digital: 4 Channels per module (unlimited modules) 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	350mm X 250mm X 150mm 4,200g (4.2kg)
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.

