

DATAcentre Monitoring System Base Station



Built to meet all the challenges of a modern monitoring system. A robust, reliable and accurate monitoring system designed and manufactured by Tektroniks in the UK.

Features:

- **Completely Stand Alone operation**
- **On board Ethernet with HTTP server**
- **Receives input from upto 120 Tektroniks Wireless Sensors**
- **Up to 120 hard wired temperature sensors can be hard-wired directly to the system**
- **1 minute recording intervals**
- **Up to 10 years on board data storage**
- **Vast array of environmental factors can be monitored**

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|-----------------------------|--------------------------------|
| 1 DC Power In | 7 Status Lights |
| 2 External Modem Connection | 8 High Contrast Display |
| 3 Volt Free Relay Contact | 9 Antenna for Wireless Sensors |
| 4 MMC Storage Device | 10 User Keypad |
| 5 8 Sensor/Digital Inputs | 11 USB Port |
| 6 Expansion Socket | 12 Ethernet Socket |

Technical Specifications:

General	
Dimensions	200mm (W) x 140mm (H) 55mm (D)
Weight	550 to 800g depending on fitted modules
Operating Temp.	0°C to +40°C
Material	4mm thick High Impact UL94V0 Fire rated Polystyrene
Supply	5V dc via external power brick (Supplied)
Operating System	Embedded
Processor	DS400 with 2M flash 1M Static Ram
Display	High contrast 128 x 64 graphics display
User Management	
Passwords	Service and user level passwords
Log	Alarm and event log
Archive Data & Reports	
MMC (Mass Storage)	2gb providing 1 yrs archived data at 1m interval
USB	USB 2.0 (For reports and data backup)
HACCP	HTML & CSV reports produced daily to internal MMC.

Alarm notification	
Screen	Provides real time data detailing current alarm status
LED	LED Traffic light style (OK, WARNING, ALARM)
Sounder	Internal sounder
Relay	Single volt free relay output providing NO & NC contacts
Email	Up to 5 external email addresses
IP	Alarm message directed to up to 3 IP addresses
Low powered Radio Module	
Frequency	433 Mhz (UK/Europe) Licence free band
Power	10mW maximum
Communications	Bi-directional
Protocol	Proprietary
Sensor Types	
Internal inputs	Up to 8 hardwired temp and/or volt free digital inputs
Networked inputs	Up to 20, 8 channel modules providing temp and volt free digital input
Wireless	Up to 120 devices providing temperature, Humidity, 4-20mA, pulse count and volt free digital inputs.

DO YOU? NEED MORE

Do you need more information, or can't find what you're looking for? Contact us now at:

www.tek-troniks.com

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