

MMP Meteorological Logger & Control System

How it works

The MMP Meteorological Logger & Control System is a data logger designed specifically for meteorological applications. The MMP is a user friendly and reliable option for your meteorological monitoring. On-site programming and set up is made easy with the built in screen/keypad and intuitive menu. Now you can just as easily adjust instrument settings, view live data and download in CSV format remotely with Visual Master Pro Software. The MMP works seamlessly together with Lufft's German-engineered Smart Weather Sensors to allow you to measure a wide range of parameters.



Weather & Meteorological Sensors

The MMP has Plug 'n' Play integration with up to 3 Lufft Meteorological Sensors, which means no additional costly data loggers for your weather monitoring requirements. The MMP has the capability to record up to 47 distinct parameters, including:

- Wind Speed and Direction
- Air Temperature
- Relative Humidity
- Barometric Pressure
- Precipitation Type, Intensity and Quantity
- Solar Radiation
- Lightning Strikes
- and more.

Perfect for:

- Governments & Authorities
- Consultants & Engineering
- Civil & Construction
- Mining & Quarries
- Logistics, Ports & Terminals



- Made in Australia
- Accurate real-time meteorological readings
- Easy to use
- Remote connectivity & telemetry
- Keypad on site
- Push or Poll Data
- Variable Averages
- Provides CSV Data Results
- Two Programmable Relays for Process Control or Alarms/Alerts
- Mains, Battery or Solar
- Available for purchase or rent!
- Genuine local support

Visual Master Pro Data Software



VMP Data Logging Software (valued at \$1,799) comes included with your Filter Master Pro purchase. The remote interface software requires no coding and makes it simple for both non-technical and expert users to access data and adjust instrument setting at an advanced level.

Live data display allows you to access first-hand information

Real-time data display, real-time decision making
Remote access for data downloading and configuration
Synchronised data set for ease of download
Operating on Windows 7 through to Windows 10
Compatible with QAMS Dust Master Pro, Met Master Pro & Filter Master Pro
Format available in CSV, HTML and ASCII.

MMP

Meteorological Logger & Control System

Proudly Manufactured in Australia by TES

Developed specifically for outdoor monitoring in Australia's harsh conditions, the MMP Meteorological Logger & Control System is built for ease-of-use, robustness and suitability for a diverse number of applications. Since 2008, we have continually strived to improve the product and make it the highest quality instrument on the market. With years of field operation and a strong positive response from our users, we are proud that the TES range has become a leader in monitoring, construction, mining and industrial monitoring applications.

MMP Meteorological Logger & Control System

Meteorological Inputs	Multiple channels including wind speed, wind direction, humidity, temperature, precipitation, barometric pressure, solar radiation, evaporation, sigma theta, lightning & more.	Extended Data Logging	TES are happy to cooperate with other data logger suppliers to allow integration of our system into existing networks.
Relay Contacts	3 relay contacts (NC/COM/NO), Alarm 1 set point, Alarm 2 set point, Instrument fault alert Max. contact switching 5A	Power Options	Mains Power, Battery Power or Solar Power (all waterproof)
Communications	2 x RS232 digital ports and analogue	Power Requirements	Instrument draws only 300mA (plus power for any weather sensors) Mains Power – Operates from 80 to 260 VAC and is fully weatherproof.
Inputs	2 x RS232, 2 x Analogue (0 to 5 volt or 4-20mA [jumper selectable]), 2 x Counter Channels, 2 x PT100 & 1 x SHT75X inputs included.	Solar Power System	Provides continuous operation based on average of >4.5 hours of sunlight per day, and will continue for up to 3 days with no sun. System includes Solar Panel & Stand, Battery & Battery box, Regulator
Outputs	3 x Analogue Outputs (0 to 2.5 volt standard, 0 - 5 volt optional, or 4-20mA [jumper selectable]), 1 x RS232 Output, Ethernet Module Optional, 3 x Solid State Relays for Audio and Visual Alarms	Standard Battery System	Provides approx. 210 hours of operation
Digital Inputs	3 optically isolated inputs, voltage free	Portable Battery System	Provides approx. 48 hours of operation
Data Download	Data can be polled or automatically and continually pushed to your server	Enclosure Type	NEMA4 / IP66 rated
Display Type	128 x 64 bit low energy graphical LCD display	Mounting Options	TES Heavy Duty Tripod 2m 10m Mast (Pivotal) 10m Mast (Pump Up) Fixed
Keypad / User Interface	12 button function with keys	Weight and Dimensions	System: 4.8kg Heated Inlet: 1kg Width 300mm Depth 200mm Height 350mm
Alarm Capabilities	SMS messaging to mobile phone, external siren, visual beacon and email alerts	Shipping Dimensions:	MMP: W x 50, D x 40 , H x 30cm, 5kg Tripod: W x 16, D x 16 , H x 155cm,8kg Lufft Sensor Mounting Arm: W x 70, D x 21 , H x 10cm, 3.5kg Lufft Weather Sensor: (approx.), W x 42, D x 27 , H x 22cm, 3kg
Internal Data Logging/ Memory	8MB internal data logging with full flash memory backup. Time and date stamped and capable of logging data from the various analogue and digital inputs	Operating Conditions	-10 to 50 deg C temperature range 0 to 95% humidity range
Data Logging Interval	Fully user adjustable from 5 to 999 seconds		