



MET-LINK with MaxiMet Sensors

Datasheet

MET-LINK Wireless Weather Sensor Interface

Observer's MET-LINK is a wireless interface for the Gill MaxiMet line of Weather Sensors. This new development allows the user to pair the Gill MaxiMet's weather sensor parameters to a useful and full featured tablet and phone application.

Simple to operate, is upgradeable and can be customised with a wide range of accessories. MET-LINK is a compact field instrument.

The sensor is connected to the wireless module for quick field or process reading. Logged records can be exported directly from the Android application to e-mail, Dropbox or any number of data destinations.

Download the free app today and run in DEMO mode to become instantly familiar with intuitive operations.

Features

- Portable Bluetooth interface
- Wind and weather display and logging
- Suitable for the whole Gill MaxiMet line of Compact Weather Stations
- Accurate MaxiMet sensor parameters, such as wind speed and direction, temperature, relative humidity, dew point and barometric pressure (QFH, QNH)
- Rechargeable lithium ion battery
- Up to 4-hours of battery operation

General

Handheld anemometers are highly useful portable devices for measuring wind speed and direction. At the more advanced end of the spectrum are fully-fledged portable handheld weather stations, capable of measuring air temperature, relative humidity, dew point, barometric pressure (QFE, QNH), relative and true wind speed and direction, precipitation, and solar radiation.

This solution doesn't have a display, and it instead connects wirelessly to your cell phone via a mobile app for Android where it displays all the information using the large color screen that's already in your pocket.

Just select a Gill MaxiMet sensor together with MET-LINK to create your portable device.

Your measured data can be logged onto your Android device. Transfer data from your device to anyone and anywhere in the world. Innovative app to replace handheld display and logging of, for example (MET-LINK-500), wind, pressure, QNH, QFE, temperature, humidity, dew point, time, date, location and comments directly on your device.

Applications

- Quick and remote deployments
- Portable accurate weather readings
- Helidecks onshore and offshore (CAP437)
- Small airfields
- Civil works and safety
- Fire fighting
- Tactical/defense
- Wind related sports

Data summary

MaxiMet Compact Weather Stations with possible parameters - air temperature, relative humidity, dew point, barometric pressure (QFH, QNH), relative and true wind speed and direction, precipitation and solar radiation. Including Factory MaxiMet Product Test Report. Refer to Gill MaxiMet documentation for applicable parameter specifications!

POWER REQUIREMENTS

- Charger 110-230 VAC 50/60Hz-12 VDC, 2A (included)
- Rechargeable lithium ion battery (included)
- Up to 6-hours battery operation by a MaxiMet GMX500

INPUTS

- Gill MaxiMet Line of Compact Weather Stations

CONNECTIVITY

- Bluetooth module: SPP profile
- Gill MaxiMet RS422 NMEA (streaming)

ANDROID APP VERSION 4.4

- Weather parameters displayed graphically, or as text fields
- Configurable displays
- Log files have embedded location, time & date, comments and photo's
- Logging of comma delimited data sentence
- Statistic and smart graph viewer tool
- Fast data export

DIMENSIONS MET-LINK MODULE

- Diameter (44,5) 55 x height 165mm
- Weight 0,2 kg

MOUNTING

- 1/4 inch standard camera mount for tripod
- Hand-held

ENVIRONMENTAL

- Operating temperature -40 to 70 deg. C
- Water tightness IP66

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