

Accessories for YDOC ML315 Remote Telemetry Unit

The YDOC ML315 is a remote telemetry unit designed specifically for remote environmental monitoring. A number of accessories are available to expand the flexibility of the ADS version of the unit. These all plug in to the Accessory Port (which is not available on the DS model).

YDOC CAMERA

The camera may be used to capture regular images of a site to monitor growth or detect changes over time. The camera offers resolutions up to 1280x1024 and features infra-red LEDs for night time imaging. Images taken with the camera can be sent to your own FTP server or to the YDOC Insights server. If sent to YDOC Insights they can be viewed using the Slide Viewer report and thus can be made available to any user via a web browser.



YDOC GPS

The GPS allows you to track the position of the unit. This is great for assets which are moved from one location to another. The GPS can be programmed to read independently of the sensors attached to the telemetry unit. This is important when the RTU is run from its internal solar panel. If you run the unit from an external 12V DC source or a larger solar supply, you can read the GPS more often.



YDOC SATELLITE MODEM

The ML315 can be fitted with an Iridium satellite modem. The RTU can be programmed to exclusively use the satellite modem or to use it as a fallback if mobile phone coverage is lost. The satellite modem mounts on a separate bracket and is cabled back to the Accessory port on the RTU. When using the Iridium modem we recommend use of an external 12V power source.



Ordering

MLN315ADS-xx	YDOC Remote Telemetry Unit with SDI-12, pulse, analogue, RS232-RS485 (MODBUS)
YD-CAM-D1	Digital camera 1280x1024 with dual lens 45 degree aperture day-night
YD-GPS	Low power GPS Receiver with built antennae
ITAS	Iridium satellite modem for ML315ADS

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