METER
ENVIRONMENT

ZL6 Advance Cloud Data Logger

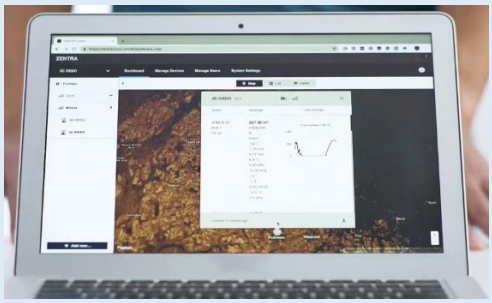


- Ultra-rugged and durable construction
- Configure via Bluetooth with the ZENTRA Utility app
- Plug and play with METER sensors
- Six sensor ports
- Works with ZENTRA Cloud to enable near real-time data viewing anywhere with an internet connection (data can also be downloaded via USB)
- Integrated GPS and barometric pressure measurement
- Simple setup
- Firmware-over-the-air updates
- Built-in solar panel for extended deployments
- Rechargeable nickel-metal hydride (NiMH) batteries
- Stores 40,000 to 80,000+ records, depending on sensor configuration
- Best for viewing data on the go
- See signal strength and connection quality in real time: test connectivity at your site BEFORE installation
- Transmitted data is backed up in the data logger memory to give you extra data protection

ZL6 introduces cloud-based data delivery, Bluetooth® configuration, GPS, firmware-over-the-air updates, and integrated metadata, all which simplify and speed up the process of data collection, management, and sharing. It does all the legwork for you, so you can spend more time being a data visionary. The ZL6 uses ZENTRA Cloud to deliver near-real-time data wherever and whenever you need it. The ZL6 connects up to six different types of METER sensors, so you can monitor different parameters, such as weather, soil moisture, and soil water potential, all at the same time, giving you deeper insight

Sensor input ports	6 (supports METER analog, digital, or pulse sensors)
Sensor port type	3.5-mm stereo plug connector
Logging interval	5 min to 12 h
Reporting interval	Hourly with additional charges for more frequent reporting
Data storage	8 MB (40,000 to 80,000+ records depending on configuration)
Memory type	Nonvolatile flash, full data retention with loss of power
Global position	Integrated 56-channel GPS/QZSS receiver
GPS position update	Daily (automatic) and on-demand (manual)
GPS position accuracy	±3 m, with good sky view
Timekeeping	Synchronize automatically and on-demand; GPS system, cellular, or software
Battery capacity	6 AA NiMH or alkaline batteries
NiMH battery charging	Solar energy harvesting or USB
NiMH battery life	3+ years with unobstructed view of sun
Alkaline battery life	3–12 months depending on configuration
Computer communication	Standard USB cable, USB A to micro-B
Cellular specifications	UMTS 3G 5-band cellular module with 2G fallback
Cellular coverage	T&T® and T-Mobile® in USA, 200+ global partner carriers. Cellular and data hosting service provided by METER.
Internet downloads	SSL/TLS encrypted
Enclosure	Weather-, impact-, and UV-resistant polymer
Enclosure rating	IP56, NEMA 3R
Enclosure size	14.9 cm × 25 cm × 6.3 cm (5.9 in × 9.9 in × 2.5 in)
Enclosure access	Hinged door with latches and eyelets for lock or zip tie
Operating environment	–40 to +60 °C (0%–100% relative humidity)
Compliance	Manufactured under ISO 9001:2015 EM ISO/IEC 17050:2010 (CE Mark)





מטאו-טק שירותים מטאורולוגיים בע"מ

לח"י 31 בני ברק 5120052

טל. 03-616098 פקס. 03-6184384

info@meteo-tech.co.il * www.meteo-tech.co.il