

CELLWATCH®

Battery Monitoring Systems

iSK-GE Extender Kit



With one system you can now monitor your auxiliary batteries as well as your UPS batteries!

NDSL introduces the Cellwatch® iSK-GE Extender Kit. This kit has been designed to compliment the Cellwatch® battery monitoring system by allowing the user to monitor his auxiliary batteries, the next weak link in the continuous power chain.

The addition of this kit allows voltage and resistance data to be recorded for the batteries in order to determine their condition and whether the charger is keeping them maintained and ready for an emergency.

Features and Benefits

- Full closure of the power continuity loop with one system
- All Auxiliary battery information is added to the monitoring system quickly and simply
- On line monitoring 24 x 7 of all batteries
- On line monitoring of the status of the charger
- Predictive monitoring
- Voltage per cell or jar/bloc
- Internal resistance per cell or jar/bloc
- Historical trends per cell
- Alarm settings per cell/string/battery
- Optimise battery reliability
- Proactive battery management tool
- User friendly
- Easy to install, Plug and Play
- Value for money
- Peace of mind

“It keeps an eye on the charger too!”

Charger problems?

Because the remote DCMs are monitoring your auxiliary batteries, it is possible to detect any charger failures as well. These failures can be detected much earlier and could save a critical load or start-up situation.

“The iSK-GE Extender kit opens a whole new dimension to battery monitoring”

Monitoring your Auxiliary batteries

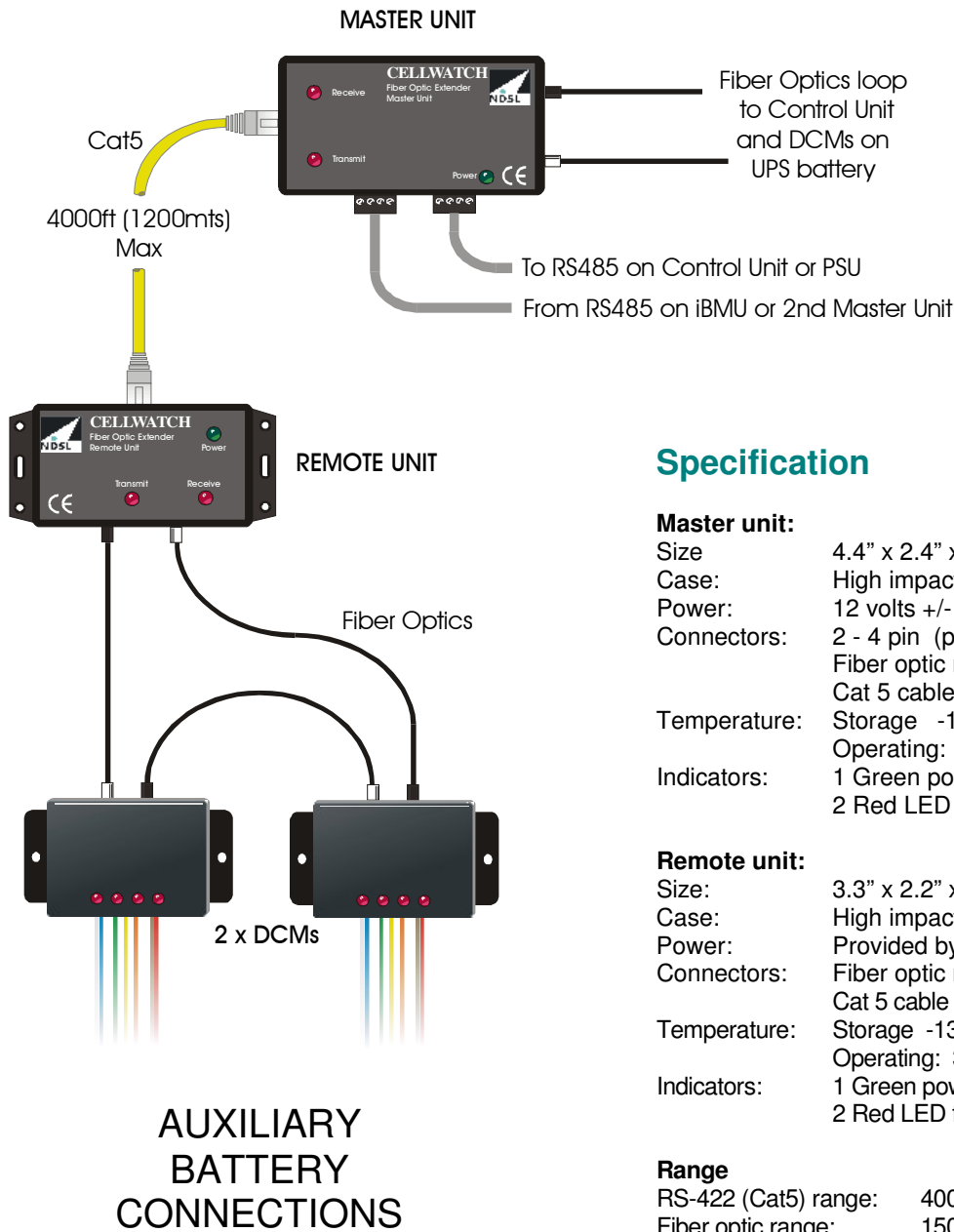
The iSK-GE kit will fit to most battery applications such as:

Generator Starter battery sets
Switch Tripping batteries
PABX batteries
Telecom batteries
Utility batteries
Emergency Lighting central batteries

Remote monitoring options

Once this addition is made to any Cellwatch® system, remote monitoring of the auxiliary batteries is carried out as with any and all batteries being monitored by a Cellwatch® system. The auxiliary battery appears in the software as a separate stand-alone battery. All normal remote functions are accessible with this battery as with all other batteries on the system.

Standard iSK-GE Extender kit layout



Specification

Master unit:

Size	4.4" x 2.4" x 1.25" (112 x 61 x 32mm)
Case:	High impact FRABS plastic
Power:	12 volts +/- 10% at 100 mA max
Connectors:	2 - 4 pin (power source) Fiber optic receiver, Fiber Optic transmitter Cat 5 cable to Remote unit
Temperature:	Storage -13 to 185 F (-25 to 85 C) Operating: 32 to 104 F (0 to 40 C)
Indicators:	1 Green power LED 2 Red LED for transmit and receive data

Remote unit:

Size:	3.3" x 2.2" x 1.0" (84 x 56 x 25.4mm)
Case:	High impact FRABS plastic
Power:	Provided by Master unit
Connectors:	Fiber optic receiver, Fiber Optic transmitter Cat 5 cable to Master unit
Temperature:	Storage -13 to 185 F (-25 to 85 C) Operating: 32 to 104 F (0 to 40 C)
Indicators:	1 Green power LED 2 Red LED for transmit and receive data

Range

RS-422 (Cat5) range:	4000 feet (1200mts)
Fiber optic range:	150 feet (45mts) radius no sharper than 5" (127mm)

External Power supply (optional)

Input AC range:	90 to 264 VAC 47 to 63 HZ
Output voltage:	12 volts +/- 5%
Output current:	420 mA
Max number of units:	5 sets of extenders



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