

DSE890 MKII DSEWebNet® Gateway 4G (GSM/Ethernet)

REMOTE COMMUNICATIONS INTERFACE

DSE890-04
DSEWebNet® Gateway - 4G (GSM) & Ethernet

The DSE890 MKII 4G gateway is used in conjunction with supported DSE controllers to provide remote monitoring and communications data via the DSEWebNet® software.

The DSE890 MKII gateway communicates with a maximum of five connected DSE controllers, monitoring their instrumentation and operating states. When this data changes, the new data is logged in its internal memory and instantly transmitted from the gateway device to the DSEWebNet® server.

The DSEWebNet® software is accessed using an internet browser or mobile app connection. Users are able to perform multiple tasks including: monitoring equipment, clearing alarm conditions and starting/stopping equipment at the click of a button.

For additional information on DSEWebNet® refer to data sheet 055-192.



SPECIFICATIONS

DC SUPPLY
CONTINUOUS VOLTAGE RATING
8 V to 36 V continuous

CRANKING DROPOUTS
Able to survive 0 V for 100 mS, providing supply was at least 8 V before dropout and supply recovers to 8 V. This is achieved without the need for internal batteries

MAXIMUM OPERATING CURRENT

GSM	755 mA at 12 V
	376 mA at 24 V
GSM & GPS	755 mA at 12 V
	376 mA at 24 V

MAXIMUM STANDBY CURRENT

GSM	207 mA at 12 V
	113 mA at 24 V
GSM & GPS	207 mA at 12 V
	113 mA at 24 V

COMMUNICATIONS
USB (Single DSE Controller)
CAN* (Single DSE Controller)
RS485 (Multiple DSE Controllers)
Ethernet (Multiple DSE Controllers)

DIMENSIONS
85 mm x 149 mm x 51 mm

MOUNTING
DIN Rail
Chassis Mount

* Functionality Coming Soon

RELATED MATERIALS

TITLE	PART NO.
DSE890 Installation Instructions	053-247
DSE890 Operators Manual	057-304
DSEWebnet® Data Sheet	055-192
DSEWebnet® PC Internet Browser Software Manual	057-168
DSEWebnet® Smart Device Software Manual	057-235

ACCESSORIES

PART	PART NO.
Combined 4G LTE (Main & Diversity) and GPS Antenna	020-1053

COMPATIBLE DSE CONTROLLERS

For a complete list of DSE controllers compatible with DSEWebNet® software, please refer to the DSE890 Operators Manual (057-304).

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Deep Sea Electronics Ltd maintains a policy of continuous development and reserves the right to change the details shown on this data sheet without prior notice. The contents are intended for guidance only.

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