



M8 Smart GPS/GNSS Receiver

High sensitivity and minimal acquisition time while maintaining low system power

Our Smart GPS receivers for MARINE APPLICATIONS are high precision products for professional use that include GNSS receiver and GNSS antenna integrated into one compact housing.

M8-28 ANTENNA TECHNICAL SPECIFICATIONS

▲ *GPS, GLONASS concurrent GNSS operation*

▲ *SBAS tracking increase position availability*

▲ *72 Channels*

▲ *High update rate up to 18 Hz*

▲ *NMEA 0183 compatible*

PERFORMANCE

- GPS + GLONASS SBAS
- 72 channels
- High update rate:
 - 18 Hz in GPS only mode
 - 10 Hz in GPS + GLONASS mode
- Accuracy: 2 m CEP
- Sensitivity: -167 dBm
- Supply Voltage: 10 – 35 Vdc
- Electrical Interface: TTL voltage levels, RS-232 polarity

PHYSICAL AND ELECTRICAL

- Dimensions: 97 mm \varnothing x 32 mm (61.5 mm with flag pole mount)
- Weight: 160 g without cable
- Power consumption: 0.8 W max

ENVIRONMENTAL

- Operating Temp.: -20° / +60° C
- Storage Temp.: -30° / +85° C
- Water Resistance: IPX7

COMMUNICATION

- NMEA 0183
- NMEA output messages: GGA, RMC, GSA, GSV, TXT, ZDA, GLL

CONFIGURABLE PARAMETERS

- with optional AvMap PC application
- GPS / GPS + GLONASS
 - NMEA output messages
 - Update rate from 1 Hz up to 18 Hz
 - Baud rate from 4800 up to 115200

AVAILABLE MODELS



M8 - 28

Code: UX0GSG00xx*

M8 GPS / GNSS receiver with
15 m Conxall to Conxall
power cable (CBCCFS0801)

*Mounting kit not included

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