

DATASHEET

Product name	GPS Time Receiver	
Type / Model	GPS Receiver 67 5DC RS232	
Order Code	ZQ0506-1.xx	Date of last revision: 03.05.2019

The **GPS Time Receiver** is used for time synchronisation of the NDC series digital clocks. It is offered as an optional accessory.

It is equipped with the u-blox GPS SuperSense® high performance chipset which can accept time signals from up to 50 satellites.

Installation is simple as it includes non-corrosive stainless steel bracket for wall mounting. Connection with the clock is made via cable with RJ12 connector (clocks NDC 57/x, NDC 100/x) or Binder industrial grade connector (clocks NDC 160/x, NDC 212/x).



Technical Specifications

Chipset	u-blox 8 GPS SuperSense® high performance chipset
Antenna	Internal patch antenna
Frequency	L1, 1 575.42 MHz, C/A Code: 1.023 MHz
Satellites	Accepts the signals of up to 50 satellites at the same time
AssistNow Support	Supports AssistNow Offline (14 days Almanac data)
Supported Augmentation Systems	AGPS, WAAS, EGNOS and MSAS
Supported NMEA 0183 protocols	GGA, GSA, GSV, RMC, VTG
Baud Rate	Up to 115 200
UP-DATE Rate	Up to 5 Hz
Maximal Sensibility	-167 dBm
Class of protection	Water-proof housing (IP X7)
Operating temperature	-20°C to +60°C
Cold start	in about 25 sec.
Hot start	in about 1 sec.
Cable length	10 m
Connector	RJ12 connector (indoor clocks), Binder (outdoor clocks)
Positioning accuracy	2.5 CEP (Circular Error Probable) and 2 m CEP with SBAS
Dimensions	62 mm x 21 mm