



Netronics GSU

GPS-based synchronization unit (GSU) designed to handle inter-site interferences in large-scale deployment scenarios.

The GSU is an outdoor unit that consists of fully outdoor enclosure, GPS antenna, AC/DC PoE device and HSS cable.

The GSU is connected to the HSS Unit with standard HSS cable and synchronizes the transmission timing of different Hub-Sites to the same clock source in order to eliminate mutual interference.

Note 1: Replace X with a digit from the list according to AC plug type required:

- 1 – European AC plug
- 2 – US AC Plug
- 3 – UK AC Plug
- 4 – Indian AC Plug
- 5 – Chinese/Australian AC Plug
- 6 – AC open connector
- 7 – Argentina AC Plug
- 8 – for South Africa AC Plug
- 9 – for DC PoE -20 VDC - -60 VDC (valid for the NetAstra GSU only)

Product Specifications

Configuration

Architecture	Outdoor Synchronization Unit; Including External GPS Antenna and PoE device
GSU to PoE Interface	CAT-5e cable; Maximum cable length: 100 m

Mechanical

Dimensions	24.5 cm (H) x 13.5 cm (W) x 4.0 cm (D)
Weight	1.0 kg / 2.2 lbs

Power

Power Feeding	Power provided by PoE device
Power Consumption	10 W

Environmental

Operating Temperatures	-35°C to + 60°C / -31°F to 140°F
Humidity	Up to 100% non-condensing

Safety

EN/IEC	Designed to meet 60950-1, 60950-22
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EMC

FCC	Designed to meet 47 CFR Class B, Part15, Subpart B
ETSI	Designed to meet EN 300 386 V1.3.3; EN 301 489-4 V1.3.1
CAN/CSA-CEI/IEC AS/NZS	Designed to meet CISPR 22-02 Class B Designed to meet CISPR22: 2006 Class B



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