GSv2

datasheet

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Base Unit

Management

Management interfaces	web interface, SNMP, ssh, API
Data ports	10/100 BaseT RJ45 WiFi IEEE 802.11b/g/n USB-B console

Interfaces

Interfaces	10/100 BaseT RJ45, IEEE 802.3af PoE RJ12 Sync In (uGPS compatible) RJ12 Sync Out Main Power Input, 2 x 4mm wire terminal 3 x Cartridge Input, 2 x 4mm wire terminal GPS antenna N-Type female GND 4mm lug OPT button
Status indicators	Front: Sync led (green), Status led (blue), Alarm led (red) Rear: 7 x Input presence led, CPU status led, Power Good led

Power

Input voltage	+/- 10-60 VDC, polarity inversion protection
Consumption	< 15 Watt (with 3 cartridges on)

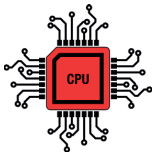
Mechanical

Dimension (LxWxD)	275 x 443 x 45 mm
Weight	8 kg
Enclosure material	Varnished Iron

Environmental

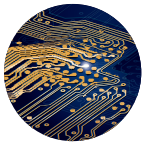
Operating temperature	-40 / +85°C
Operating umidity	5% - 90% non condensing

GigaSync is designed to power every kind of devices by Power over Ethernet standard or directly by bipolar terminal blocks.
The Base Unit can handle up to 3 different Cartridges, up to 12 outputs ports.
Power Source can be different in voltage and belongs to many power supplies.



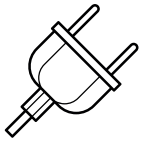
CPU

- Fast software and firmware update
- internal storage of every parameter
- Dynamic Web Interface
- warning e critical event logging
- Internet connection through integrated WiFi



DESIGN

- SW/FW updates without service interruption
- Hot Swap
- zero input to output voltage drop and self consumption reduction
- input voltage detection and accurate measurement



FEATURES

- 2 input terminal blocks for each cartridge
- input voltage presence led indicator for each input terminal block
- Cambium uGPS power out on Sync In port
- USB console port

INTERFACE

- the web interface shows voltage, temperature and load instant value and graphs
- through the command line interface you can read status and send commands to the GigaSync
- Flexible management system integration

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PoE Cartridge / CS

Interfaces

Ethernet interfaces	10/100/1000 BaseT RJ45 PoE + Data 10/100/1000 BaseT RJ45 Data In
Port mapping	4 x 9.KEY slot
Status indicators	4 x multicolor leds

Power

Max output current	3A per port
Peak Sourge current	15 kA
Spark over voltage	90V
Mode of protection	All lines (1-8) protected (L-L) and (L-G)
SPD technology	2 stages: TVS, GDT

Mechanical

Dimension (LxWxD)	126 x 235 x 45 mm
Weight	1,5 Kg
Enclosure material	Varnished Iron

Syncronization (only CS model)

Protocol support	Canopy Sync, Cambium Sync

Terminal Cartridge

Interfaces

Power interfaces	4 x output ports, 2 x 4mm wire terminal
Status indicators	4 x multicolor leds

Power

Max output current	3A per port
Peak Sourge current	15 kA
Spark over voltage	90V
Mode of protection	All lines (1-2) protected (L-L) and (L-G)
SPD technology	2 stages: TVS, GDT

Mechanical

Dimension (LxWxD)	126 x 235 x 45 mm
Weight	1,5 Kg
Enclosure material	Varnished Iron

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