

## GPS Synchronization Unit – GSU

### RW-9924-0070 GPS Sync Unit - Data Sheet



RW-9924-0070

#### Product Description

The RW-9924-0070 is an outdoor GPS-based synchronization unit (GSU) designed to handle inter and intra-site synchronization.

The RADWIN GSU synchronizes all types of RADWIN radios and can be used as a Gateway between legacy and new radios in mixed sites.

The RADWIN GSU synchronizes the transmission timing of different Hub-Sites to the same clock source to eliminate mutual interference.

#### Product Highlights

- Supports all RADWIN radios
- Supports inter and intra-site synchronization
- Supports both site synchronization methods, using a serial HSS cable or an Ethernet interface
- TNC connector for GPS antenna
- Ease of operation and maintenance

<b>Configuration</b>	
Architecture	Outdoor Synchronization Unit; Including External GPS Antenna and RF cable. (PoE device should be ordered)
GSU to PoE Interface	CAT-5e cable; Maximum cable length: 100 m
<b>Mechanics</b>	
Dimensions	24.5cm(H) x 13.5cm(W) x 4.0cm(D)
Weight	1.0kg/2.2lbs
<b>Power</b>	
Power Feeding	Power provided by PoE device
Max Power Dissipation	<10Watts
<b>Environmental</b>	
Operating Temperatures	-35°C to 60°C / -31°F to 140°F
Humidity	100% condensing, IP67 (totally protected against dust and against immersion up to 1m)
<b>Safety</b>	
FCC/IC (cTUVus)	UL 60950-1, UL 60950-22, CAN/CSA C22.2 60950-1, CAN/CSA C22.2 60950-22
ETSI	EN/IEC 60950-1, EN/IEC 60950-22
<b>EMC</b>	
ETSI	EN 300 386, EN 301 489-1, EN 301 489-4
FCC	47CFR Class B Part 15 Subpart B
CAN/CSA-CEI/IEC	CISPR 22-04 Class B
AS/NZS	CISPR 22-2004 Class B

#### Ordering Info

**Part Number:** RW-9924-0070

**Description:** RADWIN GPS-based synchronization unit (GSU) designed to handle inter and intra-site synchronization

Datasheet information can be changed by manufacturer without prior notice

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