



Ak24-1050 GPS(L1,L2), GLO(L1,L2), BDS(B1), 5Hz

GNSS Receiver

● Model: Ak24-1050

Characteristics

◆ Channels	GPS(L1,L2), GLO(L1,L2), BDS(B1)
◆ Update rate	5 Hz
◆ Time Accuracy	20ns RMS
◆ Initialization time	<10s
◆ Initialization reliability	>99.9%
◆ Voltage	DC 8~36 V
◆ Power consumption	<2 W @ 12 VDC
◆ Current consumption	300 mA @ 12 VDC
◆ Connector	DB25



GNSS Antenna

● Model: GSL1

Characteristics

◆ Frequency	GPS(L1)
◆ LNA gain	30±1.5 dB
◆ Right-hand circular	Noise ≤2.0dB
◆	VSWR ≤2.0dB
◆ Error of phase center	±2 mm
◆ Voltage	3.3 ~ 12 VDC
◆ Current	<20 mA
◆ Size	152 × 62.2 mm
◆ Weight	350 g
◆ Operating temperature	-30 °C to 55 °C
◆ Storage temperature	-40 °C to 75 °C





Ak24-2051 GPS(L1,L2), GLO(L1,L2), BDS(B1,B2), 5Hz,RTK support

GNSS Receiver

● Model: Ak24-2050

Characteristics

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|------------------------------|--|
| ◆ Channels | GPS(L1,L2), GLO(L1,L2), BDS(B1, B1,B2) |
| ◆ Update rate | 5 Hz |
| ◆ Time Accuracy | 20ns RMS |
| ◆ Initialization time | <10s |
| ◆ Initialization reliability | >99.9% |
| ◆ Voltage | DC 8~36 V |
| ◆ Power consumption | <2 W @ 12 VDC |
| ◆ Current consumption | 350 mA @ 12 VDC |
| ◆ Connector | Db25 |
| ◆ RTK support | |



GNSS Antenna

● Model: GSL1

Characteristics

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|-------------------------|-----------------|
| ◆ Frequency | GPS(L1) |
| ◆ LNA gain | 30±1.5 dB |
| ◆ Right-hand circular | Noise ≤2.0dB |
| ◆ | VSWR ≤2.0dB |
| ◆ Error of phase center | ±2 mm |
| ◆ Voltage | 3.3 ~ 12 VDC |
| ◆ Current | <20 mA |
| ◆ Size | 152 × 62.2 mm |
| ◆ Weight | 350 g |
| ◆ Operating temperature | -30 °C to 55 °C |
| ◆ Storage temperature | -40 °C to 75 °C |





Ak24-1101 GPS(L1,L2), GLO(L1,L2), BDS(B1), 10Hz,RTK support

GNSS Receiver

● Model: Ak24-1101

Characteristics

◆ Channels	GPS(L1,L2), GLO(L1,L2), BDS(B1, B1,B2)
◆ Update rate	5 Hz
◆ Time Accuracy	20ns RMS
◆ Initialization time	<10s
◆ Initialization reliability	>99.9%
◆ Voltage	DC 8~36 V
◆ Power consumption	<2 W @ 12 VDC
◆ Current consumption	350 mA @ 12 VDC
◆ Connector	Db25
◆ RTK support	



GNSS Antenna

● Model: GSL1

Characteristics

◆ Frequency	GPS(L1)
◆ LNA gain	30±1.5 dB
◆ Right-hand circular	Noise ≤2.0dB
◆	VSWR ≤2.0dB
◆ Error of phase center	±2 mm
◆ Voltage	3.3 ~ 12 VDC
◆ Current	<20 mA
◆ Size	152 × 62.2 mm
◆ Weight	350 g
◆ Operating temperature	-30 °C to 55 °C
◆ Storage temperature	-40 °C to 75 °C





Ak27-2201 GPS(L1,L2), GLO(L1,L2), BDS(B1,B2), 20Hz,RTK support

GNSS Receiver

● Model:Ak27-2201

Characteristics

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|------------------------------|------------------------------------|
| ◆ Channels | GPS(L1,L2), GLO(L1,L2), BDS(B1,B2) |
| ◆ Update rate | 20 Hz |
| ◆ Time Accuracy | 20ns RMS |
| ◆ Initialization time | <10s |
| ◆ Initialization reliability | >99.9% |
| ◆ Voltage | DC 8~36 V |
| ◆ Power consumption | <2 W @ 12 VDC |
| ◆ Current consumption | 420 mA @ 12 VDC |
| ◆ Connector | Db25 |
| ◆ RTK support | |



GNSS Antenna

● Model: GSL1

Characteristics

- | | |
|-------------------------|-----------------|
| ◆ Frequency | GPS(L1) |
| ◆ LNA gain | 30±1.5 dB |
| ◆ Right-hand circular | Noise ≤2.0dB |
| ◆ | VSWR ≤2.0dB |
| ◆ Error of phase center | ±2 mm |
| ◆ Voltage | 3.3 ~ 12 VDC |
| ◆ Current | <20 mA |
| ◆ Size | 152 × 62.2 mm |
| ◆ Weight | 350 g |
| ◆ Operating temperature | -30 °C to 55 °C |
| ◆ Storage temperature | -40 °C to 75 °C |

