

# Accessories

## Solis Data Logging Device

### Ginlong Monitoring System



RF-stick



RF Gateway

#### Simple and easy

- Plug and play, easy to operate

#### Stable

- Stable network connection, real-time data transmission

#### Smart

- No Wi-Fi configuration required, RF intelligent connection

#### Efficient

- Remote monitoring, allowing real-time monitoring of mobile APP and Web side

## Datasheet

Device name	Solis-Link: RF-stick	Solis-Link: RF-Gateway
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### Wireless parameters

Working Frequency	869.525 MHz	
Demodulation	FSK	
Data Rate	9.6 kbps	
Transmitting Power	+20 dBm	
Transmitting Frequency Offset	20 KHz	
Transmission Channel Bandwidth	<8 KHz	
Receiving Channel Bandwidth	200 KHz	
Sensitivity	-113 dBm@DR=10 kbps & FDEV =10 kHz	
Antenna Options	External RF antenna: rod antenna	Embedded RF Antenna:Bracket Antenna

### Hardware parameters

Data Interface	RS 485	Adaptive 10 / 100 Mbps
Working Voltage	DC 5 V ~ DC 12 V	DC 5.0 V (+/-5%)
Max. Working Voltage	15 V	12 V
Working Power	1.5 W	1.5 W
Indicator Light	System running status--RUN Light	System running status--RUN
	Inverter Connection Status--COM Light	Server Connection Status---SER
	RF Connection Status--RF Light	RF Connection Status--RF
Data Storage	8 MBYTE FLASH	
Working Temperature	-30 ~ +70°C	
Working Humidity	< 90% (No Condensation)	
Storage Temperature	-45 ~ +90°C	
Storage Humidity	< 40%	
External Interface	Aeronautical Head 4 PIN Interface (Anti reverse)	Micro USB Interface & RJ45 Mesh Port

### Software parameters

Number of connected inverters	1	/
Serial Communication Rate	5 mins, 1-15 mins adjustable	/
	9600 bps, (1200 - 57600 bps adjustable)	/
Data Transmission Interval	AT+Instruction Set	/
Configuration	RF Gateway Command	/
	RF Gateway Control	/
Firmware Upgrade	Local Port Upgrade	/
Others	Real-time Control, Data Resuming	/
Configuration	/	Local Static Web Page
	/	Remote Server
Firmware Upgrade	/	Remote Upgrade
	/	Local Static Web Page
Link Requirement	/	CAT5 shielded network cable length <50 m
Network Switching Layer	/	≤ 4

### General Data

Dimension(L*W*H)	47*41*160 mm	90*23*90 mm
Weight	130 g	80 g
Protection class	IP 65	IP 21

### Standard

Certification	CE	CE
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