

# Ginlong Monitoring System



Data Logging Stick  
DLS

## Leading Features

### Data Logging Stick WiFi

- ▶ Quick installation and easy operation
- ▶ Enabling local and remote monitoring
- ▶ WiFi communication supporting remote monitoring
- ▶ Easy visualization of data and other information via Internet

### Data Logging Stick GPRS

- ▶ Quick installation and easy operation
- ▶ Connecting inverters with 'plug and play' function
- ▶ Easy visualization of data and other information via mobile device
- ▶ GPRS communication enabling mobile monitoring anytime anywhere

Model	DLS-W	DLS-G
Max. number of inverters		1
Inverter communication		4Pin
Remote communication	WiFi (802.11 b/g/n)	GPRS Class 12
Communication rate		9600bps
WiFi frequency	2.412GHz-2.484GHz	850/900/1800/1900 MHz
GPRS multi-slot	---	12/10/8
WiFi communication range	100 m in outdoor open area without obstruction	---
WiFi transmitting power	802.11b: +20dBm (Max) 802.11g: +18dBm (Max) 802.11n: +15dBm (Max) Configurable by users	---
WiFi receiving sensitivity	802.11b: -89dBm 802.11g: -81dBm 802.11n: -71dBm	---
GPRS Mobile Station	---	Class B
Compatible with the GSM Phase 2/2 +	---	Class 4 (2W @ 850/900 MHz) Class 1 (1W @ 1800/1900 MHz)
External antenna	I-PEX antenna	I-PEX connector
Data collection intervals	5 minutes	---
Data interface		UART: 9600bps
Preferences setting	Web server	---
Firmware updates		Wireless
Data access		Remote server
<b>Electrical</b>		
Input voltage	DC 5V	DC 5V (+/-5%)
Working current	130mA@5V	30mA~200mA
Static power consumption	---	<0.5W
Max. instantaneous power consumption	---	<1W
<b>Environmental</b>		
Operating temperature		-10~+85°C
Operating humidity		10%-90% Relative humidity, no condensation
Storage temperature		-40~+125°C
Storage humidity		<40%
Protection class		IP65
<b>Physical</b>		
Dimension(L*W*H)		118mm*43mm*43mm
Weight		56g
<b>Other</b>		
Warranty		2 years
Certificates		FCC,CE