

Monitoring System

DLS-W
DLS-L
DLS-G

Ginlong Monitoring System



Data Logging Stick: WiFi

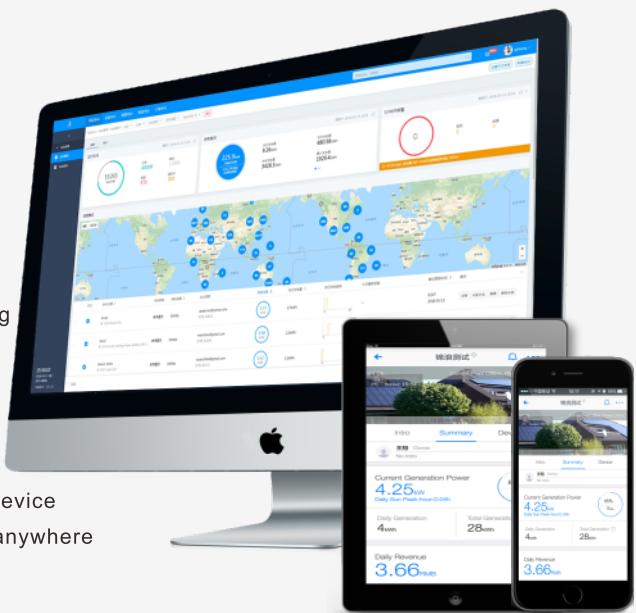
- Quick installation and easy operation
- Enabling local and remote monitoring
- WiFi communication supporting remote monitoring
- Easy visualization of data and other information via Internet

Data Logging Stick: LAN

- Quick installation and easy operation
- Not need to set, plug and play function
- LAN communication is stable and reliable, remote monitoring

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



Datasheet

Model	DLS-W(WiFi)	DLS-L(LAN)	DLS-G(GPRS)
Max.number of inverters		1	
Inverter communication		4Pin	
Remote communication	WiFi (802.11 b/g/n)	Ethernet 10/100Mbps	GPRS Class 12
Communication rate	9600bps	1200-9600bps	9600bps
Frequency	2.412GHz-2.484GHz	---	850/900/1800/1900 MHz
GPRS multi-slot	---	---	12/10/8
WiFi communication range	100m in outdoor open area without obstruction	---	---
LAN communication range	---	50m(CAT-5e Shielded Twisted Pair)	---
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 antenna	I-PEX connector
Data collection intervals		5 minutes	
Data interface	UART: 9600bps	UART: 9600bps	GPRS Class 12 Max 85.6kbps
Preferences setting		Web Server	
Firmware updates	Wireless	Ethernet	Wireless
Data access	WiFi point-to-point/Remote server	Remote server	Remote server
Data storage		8MBYTE FLASH	
Electrical			
Input voltage	DC 5V	DC 5V (+/-5%)	DC 5V (+/-5%)
Working current	130mA@5V	110mA~200mA	500mA
Static power consumption	---	---	<2W
Max. instantaneous power consumption	---	---	<8W
Environmental			
Operating temperature	-10°C~+85°C	-40°C~+85°C	-10°C~+85°C
Operating humidity		10%-90% Relative humidity, no condensa	
Storage temperature	-40°C~+125°C	-45°C~+90°C	-40°C~+125°C
Storage humidity		<40%	
Protection class		IP65	
Physical			
Dimension(L*W*H)	118mm*43mm*43mm	105mm*43mm*43mm	118mm*43mm*43mm
Weight(g)		56g	
Other			
Warranty		2 years	
Certificates		FCC,CE	