Ginlong Monitoring System

Data Logging Stick
WiFi

Data Logging Stick
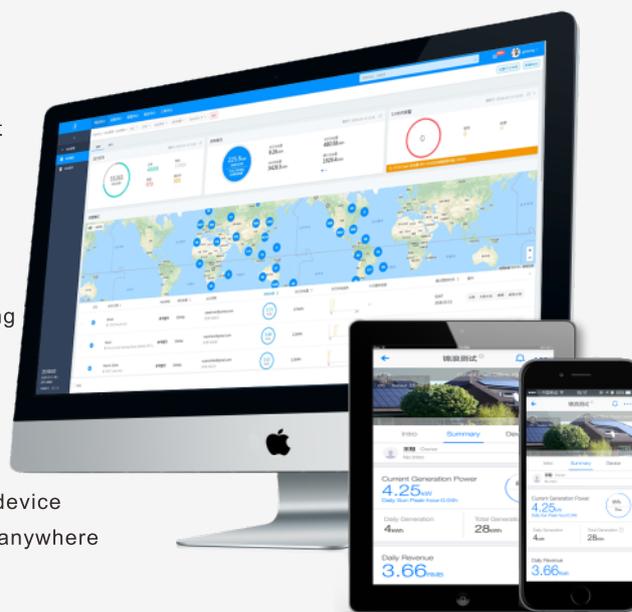LAN

Data Logging Stick
GPRS

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

Available on the iPhone
App Store

Available on the Android
App Store

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 trensmitting 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 connecter
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 comsumption	---	---	<2W
Max. instantaneous power consumption	---	---	<8W
Environmental			
Operating temperature	-10℃~+85℃	-40℃~+85℃	-10℃~+85℃
Operating humidity	10%-90% Relative humidity, no condensa		
Storage temperature	-40℃~+125℃	-45℃~+90℃	-40℃~+125℃
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		