

Monitoring sticks

WIFI - LAN - 4G

Autarco offers three kinds of monitoring sticks for connecting Autarco inverters to the internet, ensuring data is successfully submitted to Autarco for use in the Smart Asset Management service. Receiving the inverter messages is a crucial part of Autarco's ability to do pro-actively monitoring and offer insight on performance for installer and owner in our portal.

- S2.WIFI-STICK-D**
 - + Low cost, simple install, 2-way communication
 - WiFi connection possibly unstable
- S2.LAN-STICK-D**
 - + Reliable, also compatible with WiFi
 - Additional cabling required
- S2.4G-STICK-D**
 - + Reliable connection, 2-way communication, WiFi built-in
 - Additional costs for data



Quality Certificates

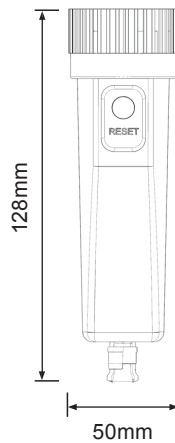
FCC, CE



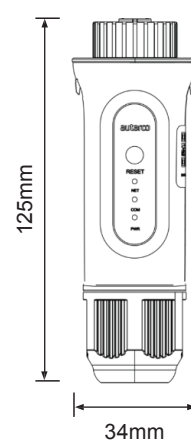
General characteristics

Inverter connection	4 pin / USB
Inverter communication	RS485
Operating voltage	5V DC
Max. current	70 A (at 60°C)
Data collection intervals	5 minutes (adjustable 1-15 minutes)
Preferences setting	Web server / Application
Warranty	2 years
IP rating	IP65
Operating altitude	< 4000m

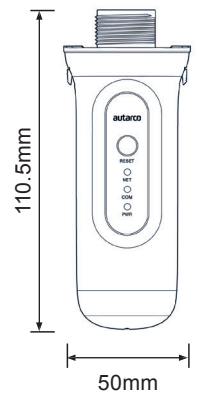
WIFI-STICK-D.1
(WiFi)



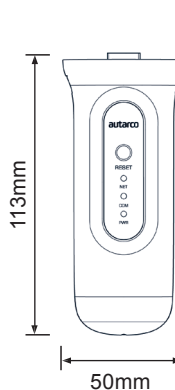
LAN-STICK-D.1
(LAN + WiFi)



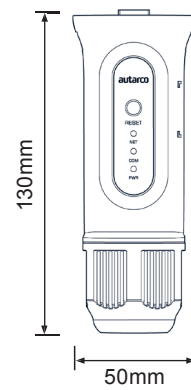
4G-STICK-D.1
(4G + WiFi)



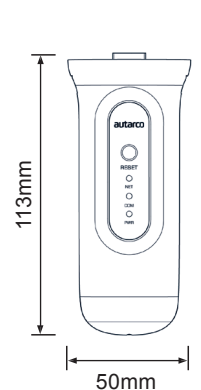
WIFI-STICK-D.U1
(WiFi)



LAN-STICK-D.U1
(LAN + WiFi)



4G-STICK-D.U1
(4G + WiFi)



Physical properties

	S2.WIFI-STICK-D	S2.LAN-STICK-D	S2.4G-STICK-D
Dimensions (W x H x D)	4 pin: 128 x 50 x 34	4 pin: 145 x 50 x 41	4 pin: 128 x 50 x 34
	USB: 113 x 50 x 34	USB: 130 x 50 x 41	USB: 113 x 50 x 34
Weight (g)	4 pin: 80	4 pin: 100	4 pin: 80
	USB: 65	USB: 90	USB: 65
Operating power consumption (W)	< 5	< 5	< 5

Data characteristics

	Wireless (Wi-Fi)	Cabled (RJ45)/WiFi	Wireless (SIM Data)/WiFi
Connection type	Router	Router	4G
Max. Connection to	802.11b/g/n (2.4G–2.483G)	802.11b/g/n (2.4G–2.483G)	802.11b/g/n (2.4G - 2.483G)
Frequency			GSM/GPRS: 850/900/1800/1900 MHz
Data interval	5min	5min	5min
Data storage	4 MB Flash	N/A	4 MB Flash
Preference Setting	Web Server/App	Web Server/App	Web Server/App

Environmental characteristics

Operating temperature	-30°C to +65°C	-30°C to +65°C	-30°C to +65°C
Operating humidity	5% to 95% Relative humidity, no condens		
Storage temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
Storage humidity	<40%		

