

Smart 4G-D

REMOTE MONITORING



- Clean and compact design
- User-friendly monitoring App
- Monitor your system from anywhere
- 24/7 monitoring

The Smart 4G-D is an intelligent USB enabled device allowing you to monitor the status and performance of your Fox ESS PV system via the Fox ESS Cloud remote monitoring platform. The Smart 4G-D is ideal in situations where there is no reliable WiFi or GPRS connection available.

System owners and installers can easily keep up-to-date with performance data in real-time, view historic records and monitor system alerts.

**STRONG
SIGNAL****EASY
INSTALLATION****IP65
RATED****SAFETY**au.fox-ess.com

TECHNICAL SPECIFICATIONS

MODEL	Smart 4G-D
POWER RATINGS	
Input Voltage [V]	DC 5-12
Power Consumption [W]	1
4G FEATURE PARAMETERS	
Radio Frequency	FDD: B1/ 3/ 5/ 7/ 20
Operator	Vodafone/Orange
Operating frequency [MHz]	LTE-FDD B1 Tx: 1920~1980, Rx: 2110~2170 LTE-FDD B3 Tx: 1710~1785, Rx: 1805~1880 LTE-FDD B5 Tx: 824~849, Rx: 869~894 LTE-FDD B7 Tx: 880~915, Rx: 925~960 LTE-FDD B20 Tx: 823~826, Rx: 791~821
WIFI FEATURE PARAMETERS	
Wireless standards	802.11 ax/ac/b/g/n
Security	WPA/WPA2/WPA2-Enterprise/WPA3
Working mode	Station/AP/Station + AP
Distribution network mode	WEB/APP(Bluetooth)
Operating frequency [MHz]	Band 1 2.4G: 2412~2482 Band 2 5G: 5180~5885
COMMUNICATION	
Communication interface	RS485
Communication parameter [bps]	9600 8/N/1 (Default)
ANTENNA	
Antenna 4G	External Rod Antenna
Antenna WIFI	Antenna internal
SIM	
SIM	Nano SIM
CONNECTOR	
Connector	USB Type A
LED INDICATE	
Red LED	Flashes slowly (1 flash per second): connect to server successfully; Flashes rapidly (500ms interval): Failed to connect to server
Green LED	Flashes slowly (1 flash per 30 seconds): Data of inverter updated successfully
MECHANICAL	
Dimension (W * H * D) [mm]	266.5 x 50.7 x 34.7
Weight [g]	84
Installation type	Plug-in
ENVIRONMENT	
Operating temperature [°C]	-25~60
Operating humidity [%]	≤95, Non-condensing
Working altitude [m]	≤4000
IP level	IP65
Fire rating	UL94 V-0
UV resistance grade	FI