FOX ESS

Smart 4GWiLAN

REMOTE MONITORING

- Clean and compact design

- User-friendly monitoring App

- Monitor your system from anywhere

- 24/7 monitoring

EASY INSTALLATION
plug and play installation.

IP65 RATED
Suitable for outdoor installation.

STRONG SIGNAL
Strong WiFi signal for maximum range.

REMOTE MONITORING
Connect to the Fox ESS Cloud.

The Smart 4GWiLANI is an intelligent LAN 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 WiLAN is ideal is 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.

For more information about the Fox ESS range, visit:
us.fox-ess.com

TECHNICAL SPECIFICATIONS

MODEL	Smart 4GWiLAN
DC input [V]	5
Average current [A]	0.2 ~ 0.3
Max. current [A]	3
Power consumption [W]	1.5
Wireless standards	802.11b/g/n
Frequency range [GHz]	2.4 ~ 2.472
Antenna gain (WIFI) [dB]	3
Antenna gain (4G) [dB]	External antenna
Security	WEP/WPA-PSK/WPA2-PSK
Protocol	TCP/UDP/PPP/NITZ/PING/FILE/MQTT/NTP/HTTP/HTTPS/ SSL/FTP/FTPS/CMUX①/MMS
Baud rate	9600/8/n/1
Transmittng power [dBm]	19.5@11b，14@11g，13@11n
Operator	North America:Verizon/AT&T(FirstNet)/T-Mobile/U.S. Cellular Canada:Telus*
Operating Frequency	LTE-FDD(B2/B4/B5/B12/B13/B14/B66/B71) WCDMA (B2/B4/B5)
Data rates	LTE-FDD(Mbps) 150(down)/50(up) WCDMA(kbps) 384(down)/384(up)
Authentication	GCF, FCC, PTCRB, IC*
Interface	UART/SPI/I2C/LED PWM/PWM/GPIO/USB2.0
User Configuration Interface	DHCP/Static IP/Firmware Upload
Operating Temperature [°C]	-35 ~ +75
Storage Temperature [°C]	-40 ~ +105
Humidity [%]	≤95 (no condensation)
Ingress Protection	IP65
Dimensions (L*W*H) [mm]	130*48*27
Weight [g]	72
Installation method	Pluggable
Certification	FCC/CE (RED)/RoHS