

Smart Dongle



Smart

2G, 3G, 4G / WLAN communication ¹
Support 3rd-party monitoring system ²



Simple

Plug & Play
Support max. 10 devices



Reliable

IP65
Support auto reconnection

Technical Specification	Smart Dongle-WLAN	Smart Dongle-4G
General Data		
Max. number of manageable devices	10	
Max. number of manageable inverters	10 (Inverters connected via RS485)	
Connection interface	USB	
Installation	Plug-and-play	
Indicator	LED Indicator	
Dimensions (W * H * D)	130 x 48 x 33 mm (5.1 x 1.9 x 1.3 inch)	
Weight	90 g (0.2 lb.)	
Degree of protection	IP65	
Power consumption (typical)	2 W	3.5 W
Wireless Parameter		
Sim card type	/	mini-sim (15 mm*25 mm)
Supported standards & frequencies	802.11 b / g / n 2.4 GHz	4G: FDD-LTE / TDD-LTE 3G: WCDMA / HSDPA / HSUPA / HSPA+ 2G: GSM / GPRS / EDGE ³
Environment		
Operating temperature range	-30 °C to +65 °C (-22 °F to 149 °F)	
Relative humidity range	5 - 95% RH	
Storage temperature range	-40°C to +70°C (-40 °F to 158 °F)	
Max. operating altitude	4,000 m (13,123 ft.)	
Standard Compliance (more available upon request)		
Certificate	CE, RCM	CE, Type Approval for Thailand, MIC
Inverter Compatibility		
Inverter model	SUN2000-3/4/5/6/8/10KTL-M0 SUN2000-12/15/17/20KTL-M0	SUN2000-3/4/5/6/8/10KTL-M0 SUN2000-12/15/17/20KTL-M0 SUN2000-50KTL-M0

1: To ensure stable data transmission, Huawei suggests 4G dongle to be installed in areas with stable mobile signal (2G signal ≥ 4 bars, 3G/4G signal ≥ 3 bars).

2: 3rd-party management system shall match the communication protocol with Huawei Smart Dongle.

3: For recommended carriers list and details on supported frequencies, please contact local distributors.

Smart Dongle-WLAN-FE



Smart

WLAN & Fast Ethernet (FE) communication
Support 3rd-party monitoring system ¹



Simple

Plug & Play
Support max. 10 devices



Reliable

IP65
Support auto reconnection

Technical Specification	SDongleA-05
General Data	
Max. Devices Supported	10
Max. Inverters Supported	10
Connection interface	USB
Ethernet Interface	10/100M Ethernet
Installation	Plug-and-play
Indicator	LED Indicator
Dimensions (W * H * D)	146 x 48 x 33 mm (5.1 x 1.9 x 1.3 inch)
Weight	90 g (0.2 lb.)
Degree of protection	IP65
Power consumption (typical)	2.5 W
Operation Mode	STA
Encryption Algorithm	Encryption Mechanism: WPA/WPA2 Encryption: TKIP/CCMP/AES
Wireless Parameter	
Supported standards & frequencies	802.11b/g/n (2.412G—2.484G)
Environment	
Operating temperature range	-30 °C to +65 °C (-22 °F to 149 °F)
Relative humidity range	5 - 95% RH
Storage temperature range	-40°C to +70°C (-40 °F to 158 °F)
Max. operating altitude	4,000 m (13,123 ft.)
Standard Compliance (more available upon request)	
Certificate	SRRC, CE, RCM
Inverter Compatibility	
Supported Master Inverter Model	SUN2000-3/4/5/6/8/10KTL-M0 SUN2000-12/15/17/20KTL-M0

¹: 3rd-party management system shall match the communication protocol with Huawei Smart Dongle.