

● Bee Force™ Smart Gateway

ELITEUN self-developed Bee Force™ Smart Gateway aims to offer a smarter, safer network connection and management with powerful and stable performance.

Modular design

- Perfectly fit for flexible configuration

High scalability

- Support a variety of different interfaces

Powerful access

- Support various protocols and mass device connection

Excellent quality

- First-class industrial design and hardware quality



Bee Force™ Smart Gateway Specification

Category	Specification		
DC Power Input	Dual power supplier, DC 12-48 V, automatic failover between all inputs		
Ethernet Ports	4 x LAN/100M on RJ45 + 1 x WAN/1G on Combo		
RS232/485	RS232 DB9, Male, ±15KV ESD protection, with a maximum transfer rate of 2Mbps	RS485 ±15KV ESD protection, half-duplex mode, with a maximum transfer rate of 2Mbps, allow up to 32 transceivers connected to the bus	
DI/DO/AI	DI (Digital Input) Counting (< 4GHZ), function of frequency measurement (0-65KHz, with an accuracy of 1Hz), optoelectronic isolation, compatible with TTL and CMOS levels, high level: 2-30V, low level: ≤1V	DO (Digital Output) 0/5V, current < 20mA, high/ low level output, PWM output (0-65KHz), NPN transistor & open collector output	AI (Analog Input) 0-10V default, 0-10mA compatible, 0-20mA, 4-20mA, 4-24mA, 0-5V, 0-10V, ±5V, ±10V, 0-30V, need to be customized, can be connected to all kind of PLC and related analog input devices
Wi-Fi	Dual Band, 2.4GHz/5GHz 2x2 MIMO, Qualcomm Atheros QCA9892 Industrial Grade Chipset, Supports IEEE 802.11b/g/n/ac on 2.4GHz band Supports IEEE 802.11a/n/ac on 5GHz band		
LTE	Support Southeast Asia, Europe, Africa, South Korea, Thailand, North America, China and other markets, with operator certification. LTE FDD: Maximum download speed 100Mbps (DL) / maximum upload speed 50Mbps (UL) LTE TDD: Maximum 61Mbps (DL) / maximum 18Mbps (UL). Multiple Input Multiple Output (MIMO) is supported, that is, multiple antennas are used to transmit signals at the transmitting end and the receiving end, thereby reducing the bit error rate and improving the communication quality.		
	Europe / Middle East / Africa / South Korea / Thailand LTE FDD: B1/B3/B5/B7/B8/B20 UMTS: B1/B5/B8 GSM: 850/900/1800/1900MHz	North America LTE FDD: B2/B4/B5/B12/B17 UMTS: B2/B4/B5 GSM: 850/1900MH	China LTE FDD: B1/B3/B8 LTE TDD: B38/B39/B40/B41 TDSCDMA B34/B39 WCDMA: B1/B8 GSM: 900/1800MHz
SIM card slot	1x externally accessible 3FF micro SIM card slot		
ZigBee	2.4GHz, transmit power: 4.5dBm, transmission distance: 200 meters, support the modes of PTP and broadcast (one-to-multi, multi-to-one), and also support IEEE 802.15.4 protocol		
PoE power input	WAN: PoE In , IEEE 802.3at , class4 , Pin 1/2,7/8(-), Pin 3/6,4/5(+)		
PoE power output	Ports 1-4/LAN: Single channel, IEEE 802.3af/at,30W max, per port		
USB	Compatible with USB2.0, HOST, Type-A, Female, 5V/1.5A, the maximum transmission bandwidth of USB2.0 is 480Mbps, and the maximum transmission bandwidth of USB3.0 is 5Gbps		

