

FBox-4G



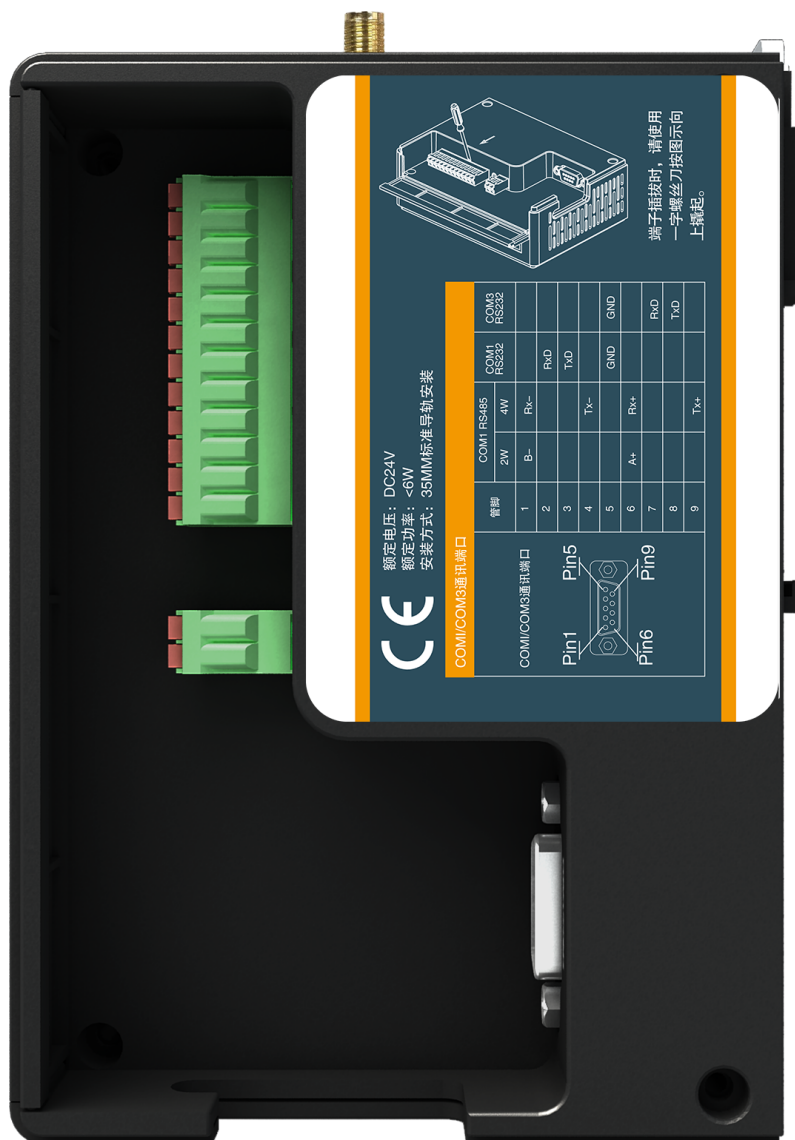
Product Specification

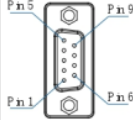
Titolo	FGate-4G
Accesso alla rete	Ethernet / 4G
Frequenza di rete	LTE FDD: B1/B3/B5/B8, LTE TDD: B38/B39/B40/B41, WCDMA: B1/B8, TD-SCDMA: B34/B39, CDMA: BC0, GSM: 900/1800MHz
CPU	600MHz ARM Cortex-A8
Memoria	128MB Flash + 128MB DDR3
I/O	2x ingressi digitali optoisolati + 2x uscite relè (max 5A)
RTC	Integrato
ETH	3x 10M/100M auto-adattivi (1x WAN + 2x LAN)
COM	COM1: RS232/RS485/RS422, COM2: RS485, COM3: RS232
USB	1x porta slave USB 2.0, 1x porta host USB 2.0
Potenza di ingresso	24 Vdc (range operativo: DC 9V...28V)
Consumo energetico	< 5W
Power Down	< 3ms
Certificazioni	EN61000-6-2:2005, EN61000-6-4:2007, RoHS, Surge Immunity: ±1KV, EFT: ±2KV, ESD: 4KV, Air: 8KV
Temp. di stoccaggio	-20~70°C
Temp. di operazione	-10~60°C
Umidità operativa	10~90%RH (Non-condensante)
Resistenza alle vibrazioni	10~25Hz (X,Y,Z direzione 2G/30 minuti)
Metodo di raffreddamento	Raffreddamento naturale
Monitoraggio dati	500

Allarme push	200
Dati storici	100
Historic Duration	180 days
Edge Computing	Disponibile
Driver	Oltre 100 driver di comunicazione
API HTTP	Disponibile
MQTT	Disponibile
VPN	Disponibile
Antenna	FEA-YT
Dimensioni	130mm × 94mm × 48mm
Materiale	Plastica ingegneristica ABS
Montaggio	Guida DIN







	Pin1	Rx-(B) (COM1 RS485-2/4)
	Pin2	RxD_PLC (COM1 RS232)
	Pin3	TxD_PLC (COM1 RS232)
	Pin4	Tx- (COM1 RS485-4)
	Pin5	GND
	Pin6	Rx+(A) (COM1 RS485-2/4)
	Pin7	RxD_PC/PLC (COM3 RS232)
	Pin8	TxD_PC/PLC (COM3 RS232)
	Pin9	Tx+ (COM1 RS485-4)
Power Terminal (Pin1~2 from up to down)		
	Pin1	DC24V
	Pin2	GND
DI/DO and COM2 Terminal (Pin1~12 from up to down)		
	COM	Common point of output point Y
	Y1	Output point Y1
	Y0	Output point Y0
	SS0	Common point of input point X
	X1	Input point X1
	X0	Input point X0
	GND	Vacancy (reserved)
	H	Vacancy (reserved)
	L	Vacancy (reserved)
	GND	COM2 GND
	B2-	COM2 RS485-
	A2+	COM2 RS485+
Ethernet Port*3(from up to down:WAN,LAN1~LAN2)		
	WAN	Used for gateway products accessing the network and uploading data to the serve
	LAN1~LAN2	Used for gateway products to communicate with local device networks and collect local device data informat
USB Type-A Port		
	Type-A	Used for peripheral devices, such as flash drive or bar code scanner
USB Slave 2.0		
	Micro USB	Used for down loading programs and debugging
SD card slot		
	SD card slot	For inserting card slots
SIM card slot		
	SIM card slot	This model does not have this SIM card slot
antenna socket		
	antenna socket	For inserting WiFi antennas

