



FBox-4G(A)

FLEXEM FBox-4G(A)

- Remote software updating, acquiring local data to analyze the problems
- Remote running data collection and faults alarming
- Propose maintenance suggestions and products improving feedback in time
- Can be used just by connecting internet, no need setting any router or firewalls.



- Update Remotely at Home
- Collect Big Data from the Cloud
- Simple Setting and Powerful Function

Technical Data

Wireless Connection	FDD LTE:B2/B4/B5/B12/B17
	UMTS:B2/B4/B5
	GSM: 850/1900MHz
CPU	300MHz ARM Cortex-A8
Memory	128MB Flash + 128MB DDR3
RTC	Built in
Ethernet	10M/100M Ethernet Port*3
SD Card	Support
USB Port	USB Device 2.0*1, USB Host 2.0*1
Bus Port	N/A
Communication Port	COM1 : RS232/RS485/RS422
	COM2 : RS485
	COM3 : RS232
IO Port	Photoelectricity Isolation Digital Input*2
	Relay Output*2 (Maximum 5A)

Technical Specifications

Power Consumption	< 5W
Input Power	DC24V, working range : DC 9V~28V
Power Protection	Protected from thunder strike and surging
Power Down Allowed	< 3 ms
CE & RoHS	CE, EN61000-6-2:2005 , EN61000-6-4:2007, RoHS, surging:±1KV,EFT±2KV, ESD:4KV,Air:8KV

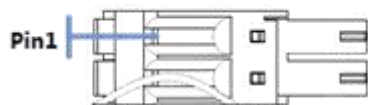
Environment Specifications

Operating Temperature	-10~60°C
Storage Temperature	-20~70°C
Operating Humidity	10~90%RH(no condensation)
Vibration Endurance	10~25Hz (X/Y/Z direction 2G/30 minutes)
Cooling	Natural cooling

Other Specifications

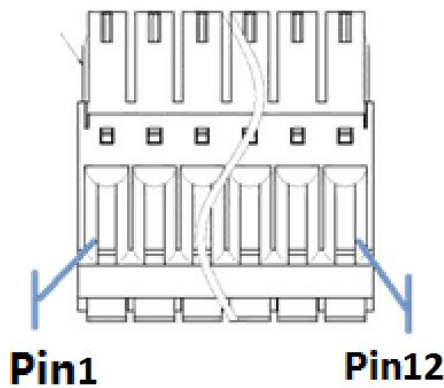
Protection Grade	Back cover complies with IP20
Shell Material	ABS
Dimension	130×94×48(mm)
Weight	About 480g

Power Terminals



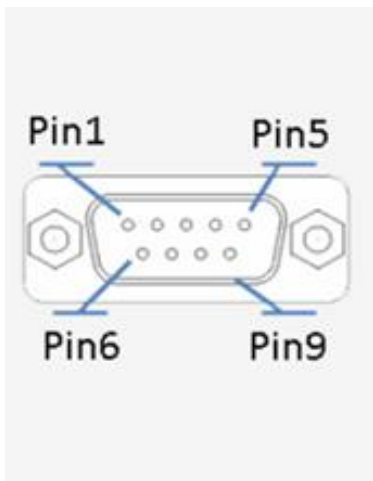
Pin1	DC24V
Pin2	GND

COM2/COM4 Communication Ports



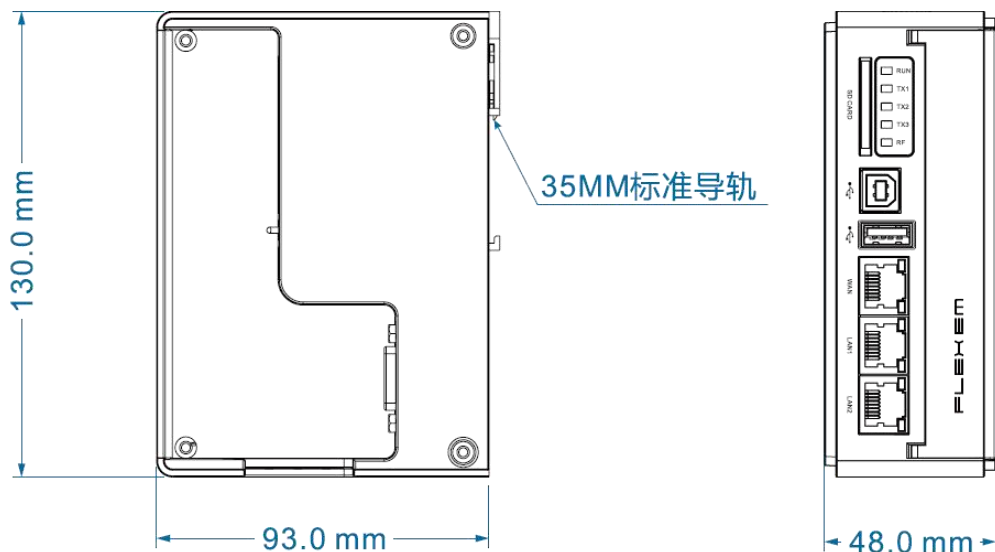
Pin1	COM
Pin2	Y1
Pin3	Y0
Pin4	SS0
Pin5	X1
Pin6	X0
Pin7	GND
Pin8	H(CAN)
Pin9	L(CAN)
Pin10	GND
Pin11	B-COM2)
Pin12	A+ (COM2)

COM1/COM3



Pin1	Rx-(B)
Pin2	RxD_PLC (COM1 RS232)
Pin3	TxD_PLC (COM1 RS232)
Pin4	Tx-
Pin5	GND
Pin6	Rx+(A)
Pin7	RxD_PC/PLC (COM3 RS232)
Pin8	TxD_PC/PLC (COM3 RS232)
Pin9	Tx+

Mechanical Dimension



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