

# Flexem Cloud-Internet Cloud Platform for Industrial Devices



## Functions

- ▶ Remote PLC Programming
- ▶ Remote Devices Testing and Diagnosis
- ▶ Remote Data Collection
- ▶ Remote Alarming

## Features

1. With 4G/Ethernet, it is a simple setting for getting access to Ethernet, and you can just power on FBox to get online.
2. With remote programming, pass through passenger, VPN connection function, you can program and test PLC software in the office to check on site by FBox.
3. FBox supports hundreds of drivers protocols and most PLC devices communication and programming.
4. You can collect data, view and monitor the devices status and historical data anytime.
5. You can choose visit FBox by multiple terminals, PC, APP, web.  
And you can monitor it by just getting access to Internet.



Model	FBox (VPN)	FBox-4G(E)	FBox-4G(A)
Wireless Connection	Ethernet	Ethernet/4G FDD LTE:B1/B3/B5/B7/B8/B20 UMTS: B1/B5/B8 GSM:850/900/1800/1900MHz	Ethernet/4G FDD LTE:B2/B4/B5/B12/B17 UMTS:B2/B4/B5 GSM: 850/1900MHz
CPU	300MHz ARM Cortex-A8		
Memory	128MB Flash + 128MB DDR3		
VPN	Available		
Ethernet	Ethernet ports*3		
SD Card Connection	Available		
USB Port	USB Device 2.0*1 , USB Host 2.0*1		
Communication Ports	COM1 : RS232/RS485/RS422 COM2 : RS485 COM3 : RS232		
IO Ports	Photoelectricity Isolation Digit Input*2, Replay Output*2 (Maximum 5A)		
Power Consumption	< 5W		
Voltage	DC24V, Working Range: DC 9V~28V		
Power Protection	Protected from Thunderstrike and Surging		
Power Down Allowed	<3mS		
CE&RoHS	Complied with EN61000-6-2:2005, EN61000-6-4:2007, RoHS Surge Immunity:±1KV, EFT:±2KV; ESD: 4KV, Air: 8KV		
OperatingTemperature	-10~60 ℃		
Storage Temperature	-20~70 ℃		
Operating Humidity	10~90%RH (No condensation)		
Vibration Endurance	10~25Hz (X、 Y、 Z Direction 2G/30Min)		
Cooling	Natural Cooling		
Shell Material	ABS		
Dimension	130mm×94mm×48mm		
Weight	480g		