

## **IEC104 Gateway**    Product Model:IEC2004-ARM

### **Function Description :**

X2IEC104 is a protocol gateway, X means different communication protocols, and IEC104 is the ultimate support for IEC104 protocol. The user can configure according to the communication protocol of field devices, IEC104 protocol into standard. In the end PC simulation is correct, uploaded to the hardware protocol conversion gateway. Note that this acquisition terminal and the originator of the gateway to the IEC104 register based address is from the beginning of 0.

### **Working principle**

Hardware gateway supports multiple protocol conversion, can solve PLC, air conditioning, elevator, fire control, lighting control system, electric meter, water meter of different products, through the hardware gateway will be Modbus, BACnet and other various different protocol into IEC104 protocol, so that the IEC104 client configuration software can access the site through the X2IEC104 gateway equipment, implementation data acquisition, data monitoring, and remote reading scene temperature, and alarm status data.

### **Runtime environment :**

OS : Windows XP/Win 7/Win8/Win10/Win Server 2003/Win Server2008/Win Vista etc.

Browser : IE11 ( and above ) 、 Safari、 Google Chrome、 firefox、 Opera etc.

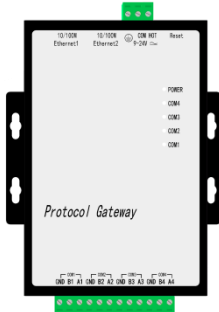
### **Software Features :**

Note: the gateway register number is dynamic support, each register can be built up 1024 points.

<b>IEC104 Register Types</b>	<b>IEC104 Register Numbers</b>
Single Point (Single point remote communication )	1024 (0~1023)
Measure Float (Short floating point telemetry )	1024 (0~1023)

# IEC2004-ARM

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## Software Features:

- Green software and Free Installation;
- Support close to 200 protocols into IEC104 server;
- browser, set up and monitor by WEB;
- Line convert、 fetch bit 、 High byte & Low byte convert;
- Internal variable can check device online & offline status;
- Support 2 types of Register:Single Point、 Measure Float;
- Friendly software configuration tool , complete 1024points in 20m;
- new Protocol can be added in 2 weeks;

## Hardware parameter:

CPU : 400MHZ	Power : AC/DC 9-24V
Memory : 64M High performance memory	Size(L×W×H) : 160*116*37mm
System : WINCE	Weight : 500g
Watts : 7W	Material : carbon steel
Interface : 2Ethernets 4Serial Ports(4 RS485)	Setup : Guide Way 、 Wall-hanging
Flash : 256M	Temperature : -30 ~ 75°C(working) -40 ~ 85°C(storage and transportation)
Network: 2 High-performance 100M/10M adaptive Industrial Network Card, support AUTO MDI/MDIX	Humidity: 20% ~ 90%, no condensation (work), 15% ~ 95%, no condensation (storage and transportation)

SMS2004-ARM

X2SMS-GPRS

Mail2SMS

SNMP1002-ARM

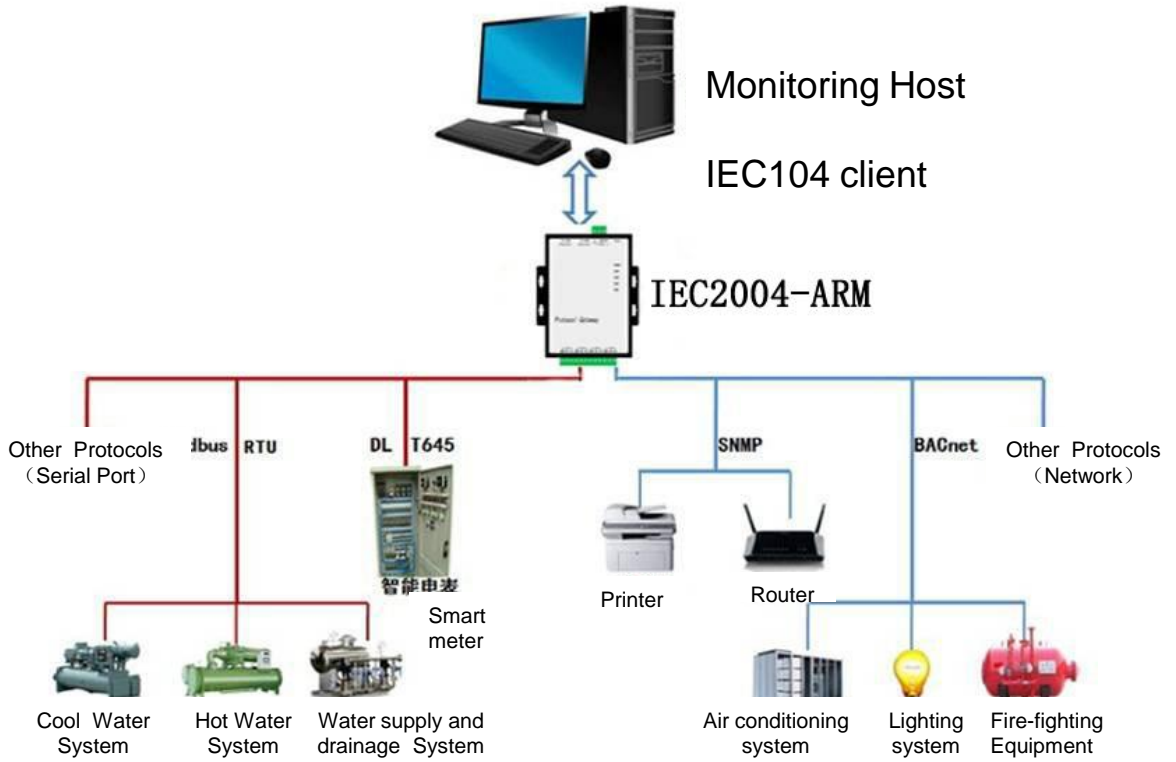
SNMP2004-ARM

IEC2004-ARM

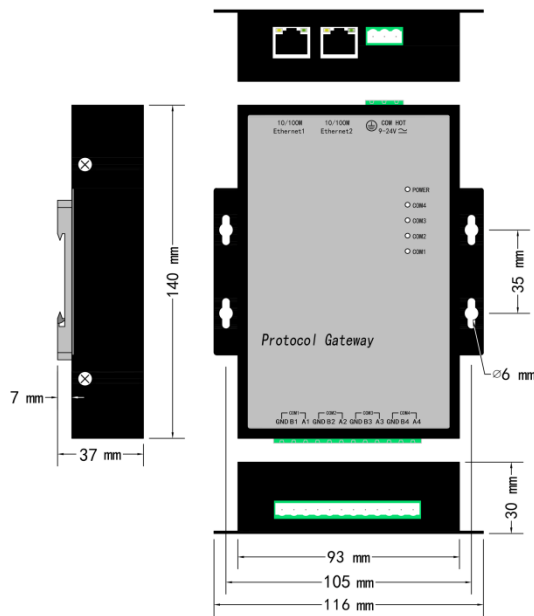
SQL2BACnet

# IEC2004-ARM

## Application Principle Diagram



## Product Size



IEC2004-ARM (Wall-Hanging /Guide Way)

SMS2004-ARM

X2SMS-GPRS

Mail2SMS

SNMP1002-ARM

SNMP2004-ARM

IEC2004-ARM

SQL2BACnet