

# AC1000

## Aplus Communicator



### INTRODUCTION

AC1000 is a kind of cellular terminal device that provides data transfer by using cellular network on your existing serial, WIFI or ethernet devices. It has low power consumption, support multi-sleep and trigger mode to reduce power dissipation.

It is mainly used to monitor facilities by sending data to servers. AC100 supports sending of data to multiple servers and also send SMS if it is unable to connect to pre-configured server.

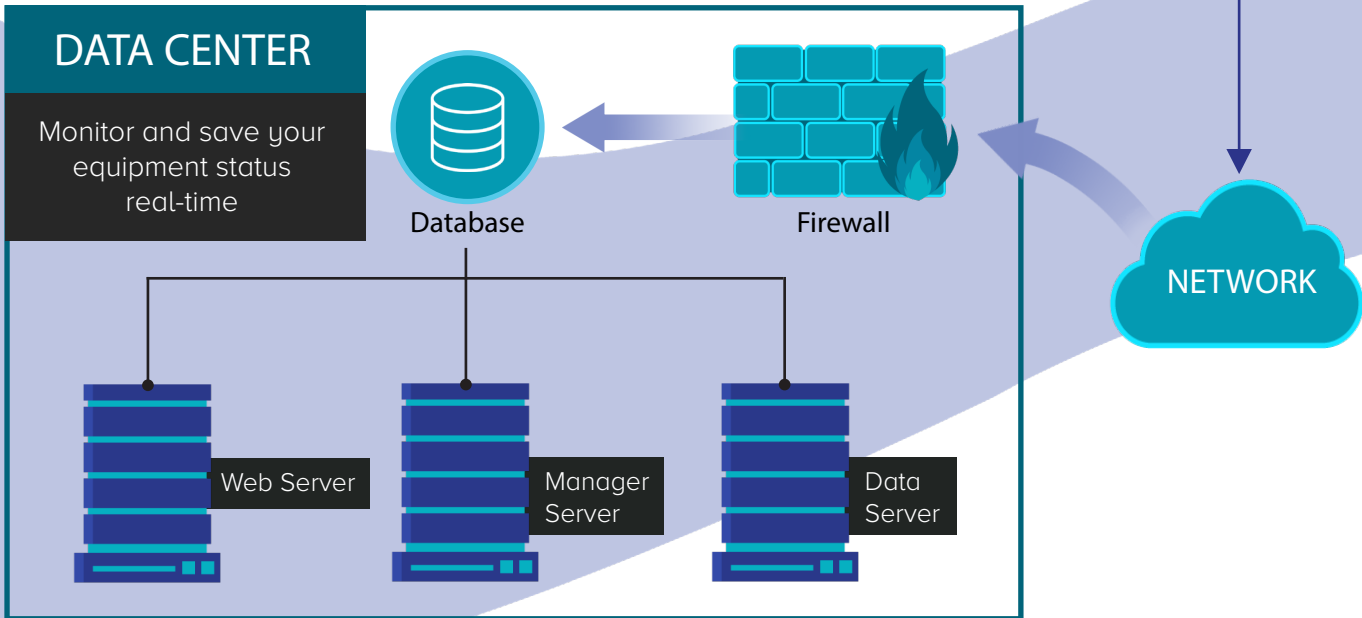
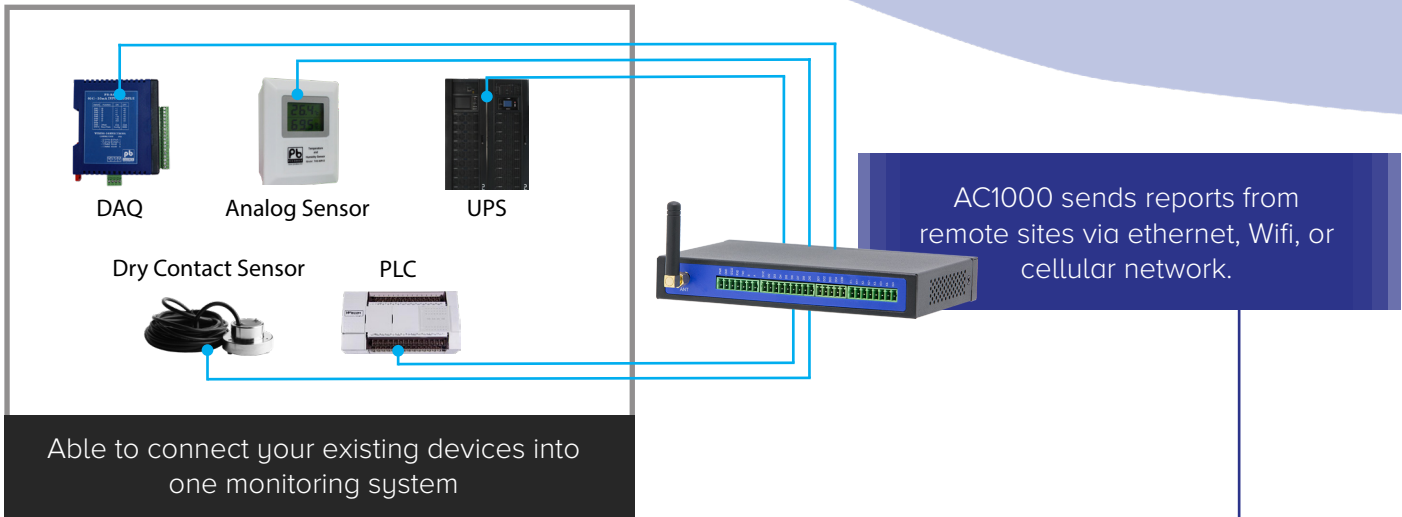
### FEATURES

- ✓ Supports multi-sleep and trigger mode to save power consumption.
- ✓ IP30 housing protection.
- ✓ With 8 digital input, 8 digital output and 8 analog input.
- ✓ Improve data transmission by using APN/VPDN.
- ✓ Convenient configuration and maintenance interface.
- ✓ Wide voltage range 5-36VDC.
- ✓ Supports SMS as backup.
- ✓ Supports API connectivity like JSON.
- ✓ Embedded real time Clock. With standard RS232/RS485 ports for serial devices.
- ✓ Supports auto recovery mechanism, including online detect and auto redial when offline. It also supports link disconnection when time out.
- ✓ Supports several online trigger ways, including SMS, ring and data.

### TECHNICAL SPECIFICATION

Operating Voltage	5-36 VDC
Cellular Modem	UMTS/WCDMA/HSDPA/HSUPA 950/1900/2100 MHz GSM 850/900/1800/1900 MHz
Operating Humidity	95% unfreezing
Operating Temperature	-35 to 75 DegC
Size	157 (L) x 97 (H) x 25 (D) mm
Weight	500 g.
Network Protocol	Transmission Control Protocol, Internet Protocol, Dynamic Domain Name, Access Point Name, Virtual Private Dial Up Network, Modbus Serial
No. of Dgital Inputs	8 (0 to 3.3 VDC)

# HOW AC1000 WORKS



## PHYSICAL LAYOUT

