

# APLUS TERMINAL UNIT MODEL : ATU-3

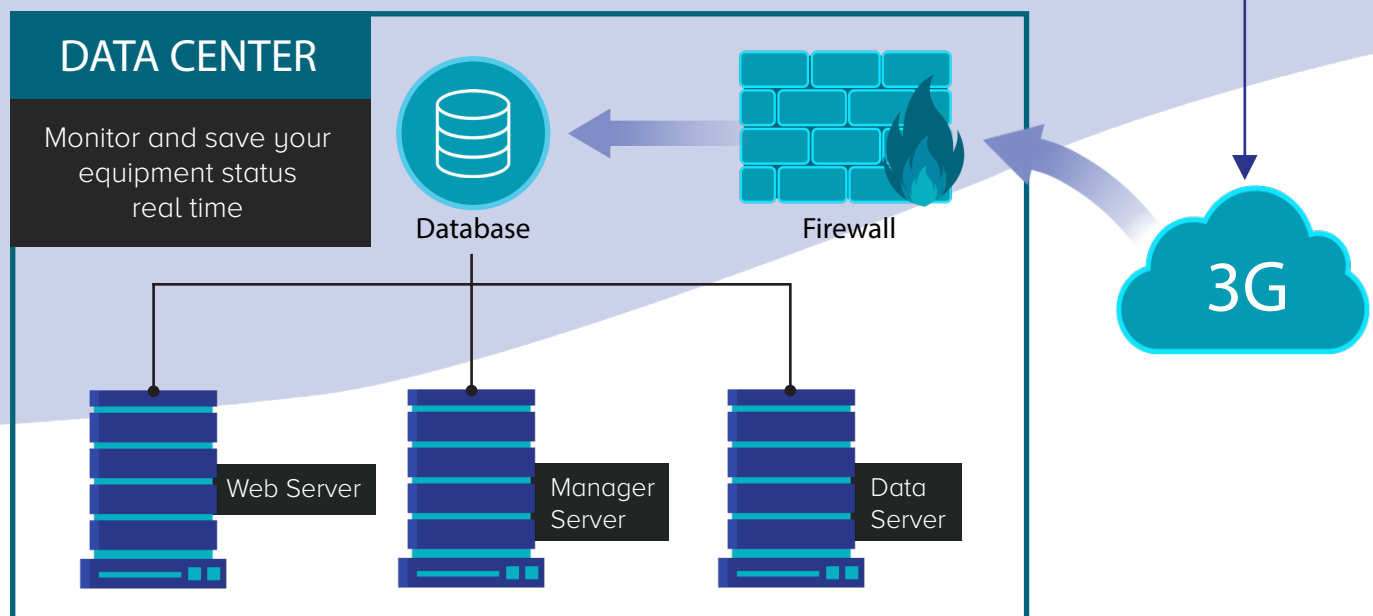
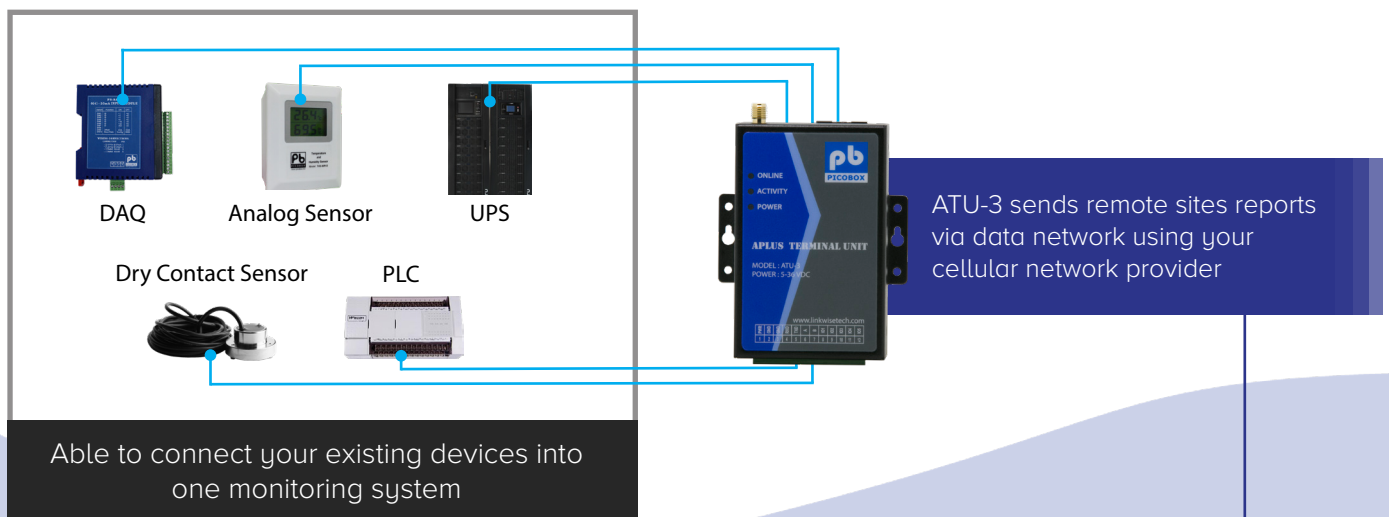


## INTRODUCTION

ATU-3 is a kind of cellular terminal device that provides data transfer by using cellular network. It has low power consumption, support multi-sleep and trigger mode to reduce power dissipation. It uses industrial 32 bit CPU and embedded real time operating system.

Aside for its built-in IOs, ATU-3 supports RS232 and RS485 (RS422) port that can conveniently connects one device to the cellular network, allowing you to connect your existing serial devices with only basic configuration.

## HOW ATU-3 WORKS



## FEATURES

- ✓ Supports multi-sleep and trigger mode to save power consumption.
- ✓ With 3 digital input and 2 analog input.
- ✓ Improve data transmission by using APN/VPDN.
- ✓ Convenient configuration and maintenance interface.
- ✓ With reverse voltage and over voltage protection.
- ✓ Embedded real-time clock.
- ✓ With standard RS232/RS485 ports for serial devices.
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- ✓ 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

Voltage Range	5-36VDC
Cellular Modem	UMTS/WCDMA/ HSDPA/HSUPA/HSPA 850/900/1900/2100 MHz GSM 850/900/1800/1900 MHz
Network Protocol	TCP (Transmission Control Protocol) IP (Internet Protocol) DDNS (Dynamic Domain Name) APN (Access Point Name) VPDN (Virtual Private Dial-Up Network)
Communication	1 x RS232 Port, 1 x RS485 Port
Input Channels	3 x Dry Contact, 0-3.3VDC 2 x Analog Input, 4-20mA
Temperature	-35 ~ +75 DegC
Humidity	95% RH
Dimension	91 x 58.5 x 22 mm
Weight	210 g.

## PHYSICAL LAYOUT



Front view



Left view



Right view



Top view

Bottom view

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