

# APLUS TERMINAL UNIT

MODEL : ATU-3

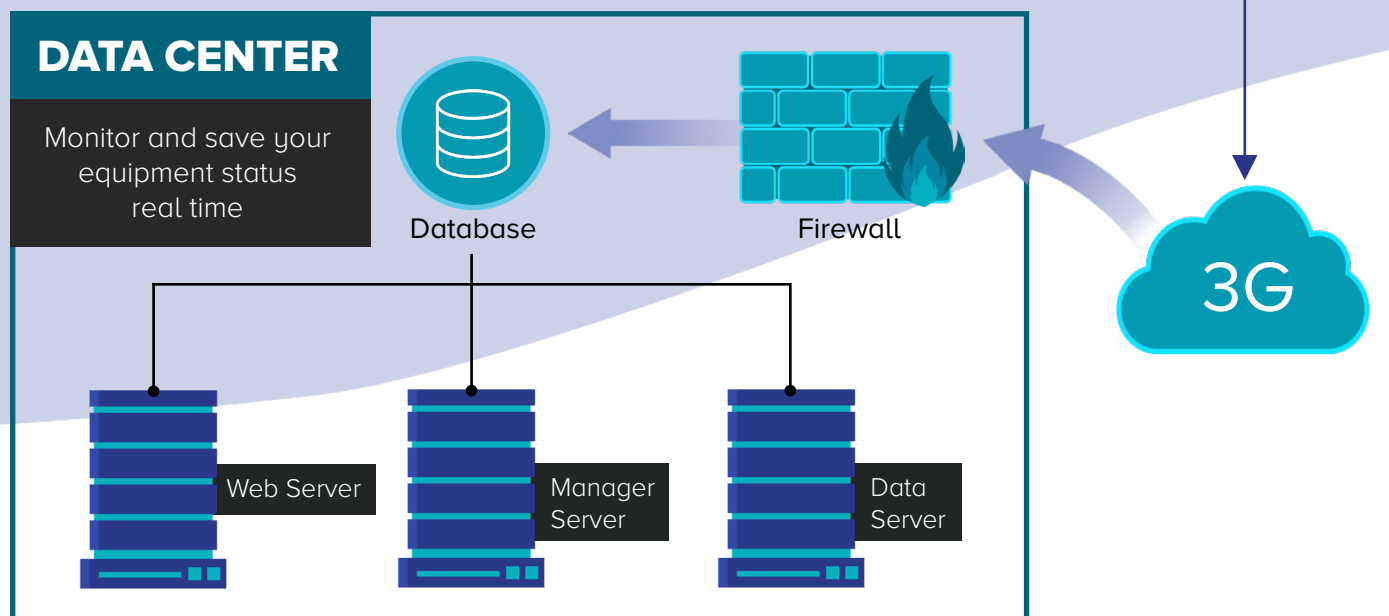
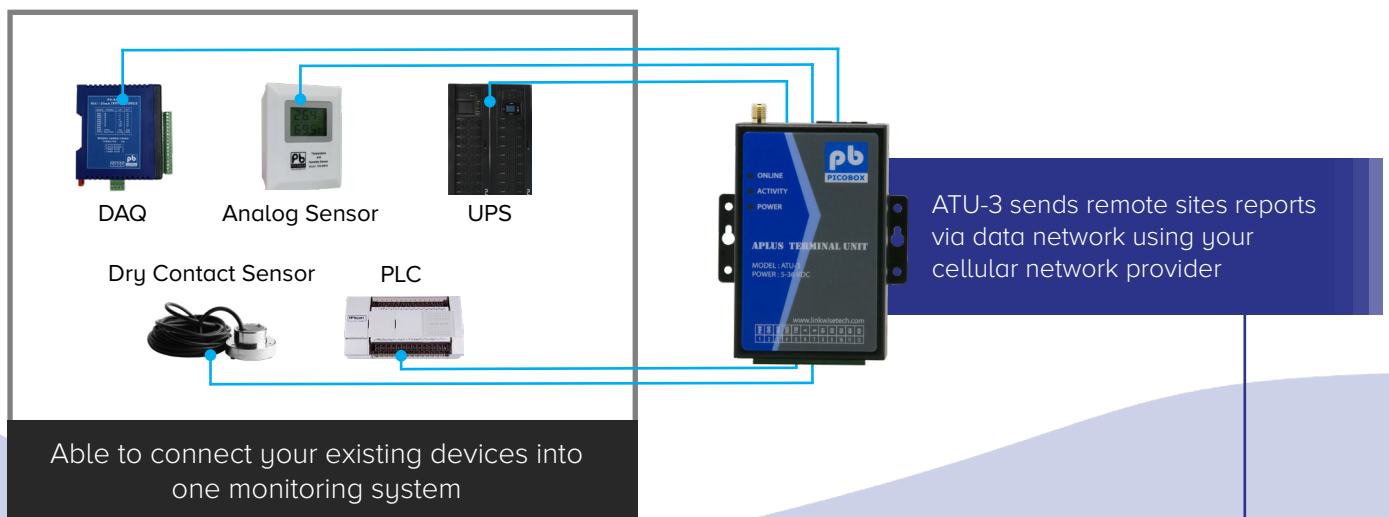


## INTRODUCTION

**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.
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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/<br>HSDPA/HSUPA/HSPA 850/900/1900/2100 MHz GSM<br>850/900/1800/1900 MHz  |
| Network Protocol | TCP (Transmission Control Protocol) IP (Internet Protocol)<br>DDNS (Dynamic Domain Name)<br>APN (Access Point Name)<br>VPDN (Virtual Private Dial-Up Network) |
| Communication    | 1 x RS232 Port, 1 x RS485 Port  |
| Input Channels   | 3 x Dry Contact, 0-3.3VDC<br>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



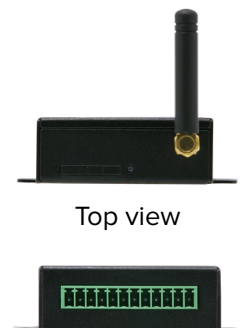
Front view



Left view



Right view



Top view

Bottom view