



Introduction

PX01 is a new generation of data logger features voice alarm with control outputs and the ability to connect up to 4 devices. **PX01** is equipped with LCD screen, built-in RTC, NTP time calibration and provides emergency shutdown before or after an earthquake.

PX01 supports Modbus TCP/IP protocol; it also embeds Seedlink protocol which supports various of 3rd party devices.

PX01 also features 2-out-of-3 voting algorithm, event data and log recording, data forwarding and FTP uploading, and relay controls for emergency shutdown.

Applications

- EEWS** (Earthquake Early Warning System)
- SHM** (Structural Health Monitoring)
- RSHD** (Rapid Structural Health Diagnostic)

Specifications

- Built-in Watch Dog Function** : 10 sec
- CPU** : ARM1176JZF-S 700MHz
- Display** : LCD, 2 lines x 20 characters
- Network Module** : 10/100 Base-TX Ethernet Controller
- RTC Accuracy** : ± 60 sec/year, supporting NTP
- Storage** : 32GB (expandable)
- Time Synchronization** : NTP

Environment

- Power Consumption** : 4W@110VAC
- Power Supply** : 110 or 220 VAC
- Relative Humidity** : 5~90% RH, no condensate
- Working Temperature** : 0 ~ +70°C
- Dimension (LxWxH)** : 550 x 425x 44.5 mm

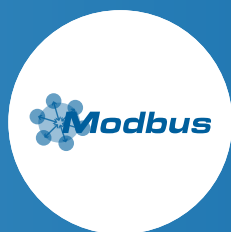
Features



Easy Access by
Built-in Web GUI



IOT
(Internet of Things)



Modbus Protocol



On-site Early Warning
and Regional Early
Warning



Time Synchronization
via NTP