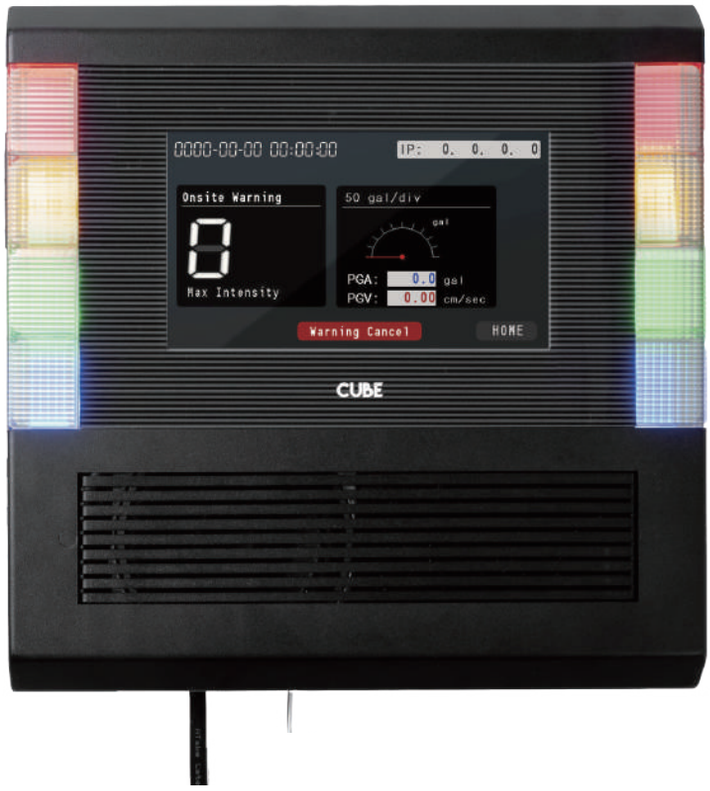
CUBE



Applications

EEWS (Earthquake Early Warning System)

SHM (Structural Health Monitoring)

RSHD (Rapid Structural Health Diagnostic)

Specifications

Built-in	: Network-type touch interface (Industrial-class)
Display	: 7” touch interface (Industrial-class)
Indicator	: 4-color LED
Relay	: 4 sets
RTC Accuracy	: ±60 sec/year, supporting NTP synchronization
Speaker	: High-dB speaker 4Ω
Storage	: 16GB (expandable)
Time Synchronization	: NTP

Introduction

CUBE is the new generation of data logger featuring both regional and onsite warning outputs. CUBE is also equipped with a touch screen, LED indicator, and speaker for ease of use.

CUBE supports Modbus TCP/IP protocol, and also embeds Seedlink protocol which allows the integration of various 3rd-party accelerographs to form on-site earthquake warning stations.

CUBE is able to function as PX-01 for such as 2-out-of-3 voting algorithm, event data and log recording, data forwarding and FTP uploading, and relay controls for emergency shutdown.

Environment

Power Consumption	: 12W@24VDC
Power Supply	: 24VDC
Relative Humidity	: 5 ~ 90% RH, non-condensed
Weight	: 5.8 kg
Working Temperature	: -20 ~ +70°C
Dimension (LxWxH)	: 290 x 290 x 100 mm

Features

- Easy Access by Built-in Web GUI
- IOT (Internet of Things)
- Mudbus Protocol
- On-site Early Warning and Regional Early Warning
- Time Synchronization via NTP