

CUBE



Onsite Control & Display Interface

Be the frontier of environmental monitoring

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Introduction

CUBE is a powerful onsite earthquake early warning command center, alarm device and datalogger, featuring visual, voice, and dynamic text display via its 3-phase LED indicator, built-in speaker, and 7-inch touch screen.

Similar to PX-01, CUBE supports Modbus protocol for users to integrate into the SCADA, MES, or other management programs. The SeedLink protocol is also supported in CUBE for 3rd-party accelerographs to integrate. The N-of-M voting algorithm is included in CUBE, too. Therefore, CUBE is an ideal onsite interface for earthquake early warning and emergency controls.

Besides, CUBE embeds HAZUS quick structural damage assessment algorithm (a.k.a. RSHD). Within a minute after a felt earthquake event, CUBE is able to send out the preliminary result based on the stiffness or inter-story drift ratio of a 3-accelerograph system. The RSHD cloud service is also available upon request.



Key Features



Easy Access by
Built-in Web GUI



IoT



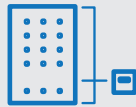
Modbus
Modbus Protocol



Onsite Early Warning



Regional
Early Warning



HAZUS

Applications

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

Best Suited



Manufacturing Plants



Commercial Buildings



Residential Complex

Specifications

Display	Industrial-class 7" touch interface
Indicator	4-color LED indicator
Relay	4 sets
RTC Accuracy	± 60 sec/year, supporting NTP synchronization
Speaker	High-dB speaker 4 Ω
Storage	32 GB (up to 64GB)
Time Synchronization	NTP
Power Consumption	12 W@24 VDC
Relative Humidity	5 – 90 % RH, no condensate
Working Temperature	-20°C to 70°C
Weight	5.8 kg
Dimension (W x H x D)	300 x 350 x 122 mm

*All prices, features, and specifications are subject to change without prior notice.

Be the frontier of environmental monitoring

Sanlien Technology is committed to making environments safe for humans. Hence, we insist on continuing R&D investments, perfecting our manufacturing of monitoring systems, and expanding into Smart City and IoT monitoring. With more than 1,000 local and international customers, Sanlien is trusted by global customers with high standards. By working with renowned agents around the world, we ensure the optimal performance and reliability of our services. With 50 years of profound experience in Taiwan, Sanlien has become the most exceptional provider of measuring technologies in the Asia-Pacific region. Sanlien has conceptualized the idea of being a global partner into a three-in-one strategy: long-term deployment of globalization, integration of local resources, and localized operations. We shall march on step by step with the stamina for running a marathon.

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