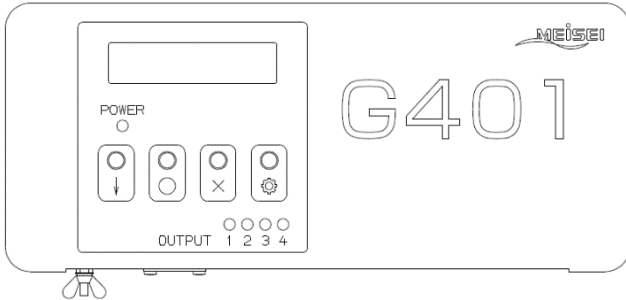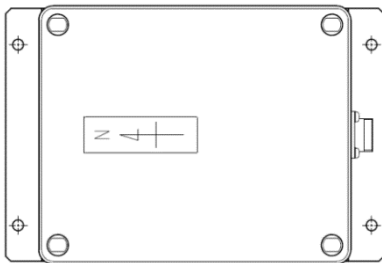# Seismic intensity meter G401

FOR THE WORLD'S SEISMIC DISASETER PREVENTION SYSTEMS

Processor

Sensor

Outline

G401 calculates seismic intensity by adapting Modified Mercalli seismic intensity calculation method.
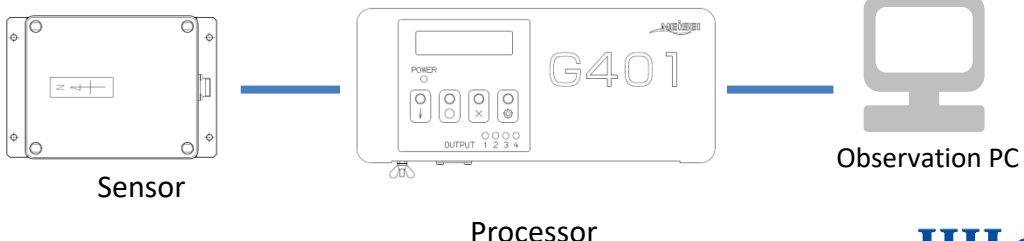
G401 enables control systems such as factory machine, gas valve, automatic door etc. using contact outputs by seismic intensity or acceleration value.

And G401 is connectable with PC web browser, therefore this intensity meter can be tested and controlled by remote.

FEATURES

- Modified Mercalli seismic intensity is calculated and outputted.
- Extensive remote control and operation using PC.

SYSTEM SAMPLE

Sensor

Processor

Observation PC

Specifications

Sensor	Type	capacitive
	Component	3axis(X,Y,Z)
	Measurement range	±1500gal
	Accuracy	±5% or less
A/D	Conversion method	ΔΣ
	Resolution	16bit
Filter		0.01Hz-20Hz
Intensity calculation		Modified Mercalli seismic intensity calculation method
Output data		Modified Mercalli seismic intensity with XML format
		PGA
		Continuous waveform with SEED format
Output contact	Contact point	4 contacts
		(4th port is changeable output of indicating failure)
	Load capacity	ACDC60V/0.5A
LAN I/F	Format	10/100Base-T × 1port
	Protocol	TCP/IP (ftp, telnet, ICMP, HTTP, NTP)
Clock	Time calibration	NTP or Manual (telnet, according to the device button operation),
		GPS (optional)
Media		CF card (16GB)
Display	Type	Organic EL
	Contents	Operation result, Settings, and Check menu
	Intensity information	Switchable MMIS(Modified Mercalli Intensity Scale) , SIGS(Skala Intensitas Gempabumi Scale) OR Both
Power source	Voltage (AC)	AC90 to 264V 50/60Hz
	Voltage (DC)	DC12V (DC11.8 to 22V)
	Battery connection	Connectable DC12V battery
	Power consumption	3W or less
Dimension & Weight	Size (Processor)	Approx. W245×H105×D60mm（exclude protrusion）
	Weight (Processor)	0.8kg or less（exclude AC adapter, connector, mounting brackets)
	Size (Sensor)	Approx. W210×H143×D106mm（exclude protrusion）
	Weight (Sensor)	1.2kg or less
Environmental	Operation environments	0℃ to 40℃, 90%RH or Less（Non- condensing）
Accessories		AC adapter, Mounting bracket
		Alert software for windows

Manufactured by Sanko electric co., ltd.

CAUTION

- Read "Manual" ahead of the use to use it correctly and safely.
- The specification and externals might change without a previous notice. Please acknowledge it beforehand.
- The product on catalog is a standard products. We will customize it according to customer's specification. Please ask in detail.
- Our company cannot assume the responsibility of any claim of the third party beforehand about damage and passive damages in money generated by using our products.
- The color of the product photography on catalog might be different from actual product because of the print.