

CORE SYSTEM

World Standard Data Acquisition System

NEW

Wireless LOGGER WS500A

High & Low Speed dual Sampling 500KS/s (2usec)

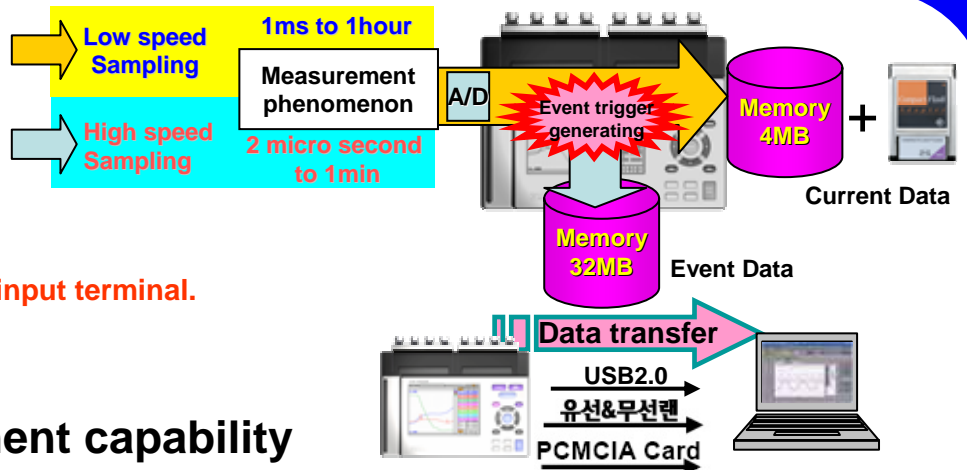
초소형 고성능 무선data수집 전채널 절연입력(Isolation)



The midi LOGGER dual is the final edition of the data logger which enables, input of isolation and non isolation, and mixture measurement of voltage and temperature from the low-speed phenomenon to the high-speed phenomenon.

Dual MODE CAPTURE

An outbreak phenomenon is certainly captured by the low speed and high-speed sampling.



Isolation input

Easy and safe connection by BNC input terminal.

USB 2.0 compatible

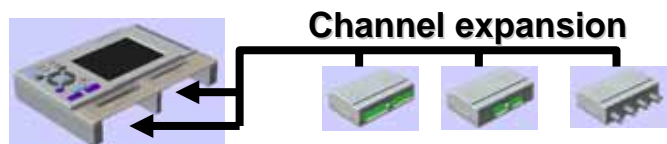
High speed data transfer.

Temperature measurement capability

Not only voltage measurement.

Channel expansion

Isolation input : From 4ch to 8ch
Non isolation input : From 8ch to 16ch



Main Unit Specifications

Item			Description
Number of analog input terminal units mountable			2
Analog Input terminal unit input method			Scanning, Concurrent use of 4VF, 4MF and 8MS by input terminal unit.
Input terminal unit		4VF	4ch - Isolation Voltage input terminal unit (BNC type)
		4MF	4ch - Isolation Voltage and Temperature input terminal unit
		8MS	8ch – Non Isolation Voltage and Temperature input terminal unit
Number of analog input channels			4ch to 16ch
Input ranges	Voltage	4VF	+/-100mV to +/-100V
		4MF	+/-100mV to +/-100V
		8MS	+/- 100mV to +/-10V
	Temperature	4MF and 8MS	Thermocouples K,J,E,T,R,S,B,N,W(WRe5-26)
Filter			OFF, LINE(1.5Hz), 5Hz, 50Hz, 500Hz Filter characteristics -3dB at selected frequency, -6dB/oct
A/D converter			14 bits
Trigger functions		Types	Start: Data capture starts when a trigger is generated Stop: Data capture stops when a trigger is generated
		Conditions	Start: Off, Level, External Stop: Off, Level, External, Time
Alarm functions		Types	Analog, Logic, Pulse AND, Pulse OR
		Conditions	Analog: H, L, Window in, Window Out Logic: 4-ch pattern
sampling		Current Data	1ms(16ch) to 1h
		Event Data	2micro second (1ch) to 1s
External trigger input			1ch
Logic or pulse input			4ch
Alarm output		Number of channels	4ch
		Output format	Open collector output (100K OHM pull-up resistance)
		Output conditions	Level judgment, window judgment, logic pattern judgment, pulse judgment
Internal memory			Current sampling 4MB, Event sampling 32MB
Memory device			PCMCIA card slot (Type 2)
PC interfaces			USB2.0, Ethernet(10Base-T,100Base-TX)
Monitor		Size	4.7-inch STN color LCD
		Displayed items	Waveforms + digital values, waveforms only, digital values only, digital values + calculated values
		Functions	Waveform expansion/compression, Scaling, Calculation, Search
Operating environment		Temperature	0 to 40 degrees
		Humidity	30 to 80 percent RH (non-condensing)
Rated power supply			AC adapter(100 to 240 VAC), Battery pack (options), DC input(12 to 24 VDC)
External dimensions (W x D x H, approx.)			212 x 152 x 45 mm (tentative)

Standard Configuration

Unit name	Model name	
Wireless Logger dual (sampling)	WS500ACSV	Main unit + 4ch - Isolation Voltage input terminal unit (BNC type)
	WS500ACSM	Main unit + 4ch - Isolation Voltage and Temperature input terminal unit
	WS500ACSS	Main unit + 8ch – Non Isolation Voltage and Temperature input terminal unit
	AC adapter (100 to 240 VAC, 50/60 Hz), CD-ROM (User's Manual, application software), Quick Start manual	

Options

Unit name	Model name
4ch - Isolation Voltage input terminal unit (BNC type)	4VF
4ch - Isolation Voltage and Temperature input terminal unit	4MF
8ch – Non Isolation Voltage and Temperature input terminal unit	8MS
Battery pack	B-517
Battery charger	B-518
Logic/alarm cable	B-513
DC drive cable	B-514