

Temperature

Calibrator

Pressure

Humidity

Recorder & Dataloggers

Air Flow

Level & Flow

Portable Instruments

EX Proof / IS

Environment

Taishio Paperless Recorder

Taishio

Features

- Various display by Touch Panel 5.7" (TFT)
- Universal Input & Range
- Various Input 3, 6, 9 & 12 channels
- PC support software supplied as standard
- Large capacity storage by SD/SDHC card (Max 32GB)
- IP65 : Dust-Proof, Water Proof
- Ethernet function as standard



SPECIFICATIONS

Input	No. of Points	3, 6, 9, 12 *When the DI/DO or Relay option is mounted, cannot be selected 12
	Measuring cycles	100ms
	Recording cycles	1 sec to 60mins (Main/Sub record)
	Input Signal	Thermocouple : (K, E, J, T, C, N, PLII, U, L, R, S, B, PR40-20, Au-Fe) Resistance bulb : (Pt100, JPt100) DC Voltage : (-10 to +10mV, 0 to 20mV, 0 to 50mV, -0.2 to +0.2V, -1 to +1V, -10 to 10V, 0 to 5V) DC current : (External shunt resistance) (4-20mA)
Performance	Indication accuracy	+/- (0.1%+1 digital) of input range
Display	LCD	5.7" TFT (QVGA) with Touch Panel
	Display	-Trend display (in vertical and horizontal direction) selected in the refreshment cycles of 1 sec to 60 minutes. Scale display/non-display selectable -Bar graph (refresh cycle : 1 second) -Digital display (refresh cycle : 1 second) -Event summary display (alarm & message summary) -Ethernet log display -Historical trend display
Recording Function	Recording medium	SD card (Max 2GB) SDHC card (Max 32GB)
	Internal memory	About 100mb
	Recording method	Writing starts in fixed cycles by turning ON the REC key on the front panel Data is recorded in a new file every time the recording starts
	Data save cycles Data format	1 Hour to 1 Year CVS 120 bytes per sampling (at 6 channels input) Binary (Data cannot be read directly into Excel, etc) 32 bytes per 1 sampling (at 6 channels input)
Alarm function	No. of settings	Up to 4 alarms for each channels are settable
	Output	No. of points : 1 (open collector)
Communication	Ethernet 10BASE-T	HTTP Server, FTP server, and Modbus/TCP protocol
General	Mounting method	Panel-Mounting (vertical panel)
	Material	Polycarbonate Glass 10% UL94-V0 (case, bezel)
	External Dimensions	<Panel mount> 150W x 144H x 181.8D (mm)
	Weight	About 0.9kg (3 channels), About 1.0kg (6 channels)
	Power supply	100V to 240V AC, 50/60Hz
	Power consumption	15VA max. (at 100VAC), 25VA max. (at 240V AC)
Option	Relay card	Relay : 6 points (1a contacts)
	DI/DO	DI/DO : Input 9 points/ output 12 points (open collector)
	Communication	RS-485 (Modbus RTU protocol)

ORDERING INFORMATION	NO. OF INPUTS		COMMUNICATION	OPTION CARD
TS700	XX	A	X	X
	03 : 3 Points		0 : None	0 : None
	06 : 6 Points		1 : RS 485	1 : DI/DO (Note)*
	09 : 9 Points			2 : Relay (Note)*
	12 : 12 Points			

*When DI/DO or Relay is mounted, cannot be selected 12 channels