

# TH SERIES SPECIFICATIONS

Model		TH 04	TH 07	TH 010	
General	Screen size	4.3 inch	7 inch	10.2 inch	
	resolution	480*272	800*480	800*600	
	color	65536 color			
	brightness	300 cd/m			
	backlight	LED			
	touch screen	high precision four-wire resistive			
	backlight life	50000 hours			
	CPU	32-bits 400MHZ RISC			
	storage	128M FLASH + 64M DDRAM			
	RTC	256KB			
	printer port	USB printer/serial port printer			
	USB port	USB Host +USB client			
	COM	COM1	RS232/RS422/RS485	RS232/RS422/RS485	RS232/RS422/RS485
		COM2	(RS232+RS422)	COM2:RS232/RS485	RS232/RS485
COM3		-	OPTIONAL	OPTIONAL	
power	power	<5W	<8W	<8W	
	power supply	DC 24V (12~28V DC)			
	allowed power fail	<5MS			
	insulation resistance	>20MΩ 500 VDC			
	withstand voltage	500V AC<1 Minute			
Dimension	shell	ABS , BLACK			
	dimension (mm)	138.0W*86.0H*37.0D	212.0W*146.0H*36.0D	272.0W*190.5H*36.0D	
	mounting size (mm)	131.0W*79.0H	192.0W*138.0H	260.0W*179.0H	
	Net/Gross (kg)	0.3/0.6	0.6/1.0	1.2/1.7	
Environment	temperature	Working temperature(-10~60) storage temperature(-20~70)			
	humidity	Working humidity(-10~90) storage humidity(-10~90)			
	seismic resistance	10~25 HZ (X,Y,Z direction 2G/30 minutes)			
	cooling	Air cooling			
Extension	ethernet	-	TH 07-N	TH 07-N	
	CAN	TH 04-C	TH 07-C	TH 07-C	
	TTS	-	TH 07-TTS	TH 07-TTS	
	COM3	-	TH 07-E	TH 07-E	
protection		IP65(FRONT PANEL)			

# HUMAN MACHINE INTERFACE

## DEVICE SUPPORT

Manufacturer	Model / Protocol
Emerson	DKG2,EC20 SERIES
allen-bradley	MICROLOGIX 1000/1500
delta	DVP SERIES
keyence	KV SERIES
panasonic	FP SERIES
omron	CS/CP SERIES , FINS PROTOCOL/CJ
mitsubishi	A SERIES/1N/2N/3U/Q SERIES/L02
siemens	S7-200/S7-300(PPI,MPI)
siemens(ethernet)	S7-300/1200/200 SMART
teco	TP01/02/03 SERIES
hollysys	LK/LM MODBUS TCP
fatek	FATEK SERIES/TCP ASCII
schneider	TWIDO/MODICON
ashrae	BACNET
lg	K120S/K300S
inovance	WHOLE SERIES
profibus	PROFIBUS
crouzet	CROUZET M3 (FBD)
modbus rtu	SLAVE/MASTER
modbus ascii	SLAVE/MASTER
modbus tcp/ip	SLAVE/MASTER
vigor	VIGOR PLC
nanda automation	MODBUS TCP/ASCII TCP
can bus	J1939/CAN
siemens	USS
danfoss	FC SERIES INVERTER
wecon	LX SERIES/USER-DEFINED PROTOCOL

