

MONITOUCH

TechnoShot series



TS1070 series

7 inches	WVGA	64K Colors	TFT
LED Backlight	3ch Serial (D-sub9x2)	Master/ Slave USB	Ethernet

- 65,536-color display with wide-resolution and high-brightness
- 8-way communication with up to eight kinds of devices
- Two types of USB interfaces fitted as standard feature

■ Specifications

Model			TS1070i	TS1070
Display	Display size		7" Wide	
	Resolution		800 x 480 dots	
	Display device		TFT	
	Colors		65,536	
	Backlight		LED	
	Luminance		450 cd/m ²	
Touch switch			Analog resistance film	
Memory	FROM		11.6 MB	
	SRAM		128 KB	
External interface	Serial	COM1	RS-422/485, Asynchronous, Data length: 7,8 bits, Parity: even/odd/none, Stop bit: 1,2 bits Baud rate: 4800/9600/19200/38400/76800/115200/187500 bps	
		COM2 & COM3	RS-232C, Asynchronous, Data length: 7,8 bits, Parity: even/odd/none, Stop bit: 1,2 bits Baud rate: 4800/9600/19200/38400/115200 bps	
			RS-422/485(two-wire system), Asynchronous, Data length: 7,8 bits, Parity: even/odd/none, Stop bit: 1,2 bits Baud rate: 4800/9600/19200/38400/76800/115200 bps	
	Ethernet		100BASE-TX/10BASE-T	—
	USB (Type A)		1 port (Ver. 2.0)	
	USB (Type mini B)		1 port (Ver. 2.0)	
	Clock	Battery		Coin-type lithium primary battery
Calendar accuracy		Gap± 90 sec. per month (Ambient temperature 25 °C)		
Power supply	Permissible range of voltage		DC 24 V ± 10 %	
	Demand (maximum rating)		16 W or less	
Physical environment	Ambient operating temperature		0-50 °C	
	Ambient storage temperature		-10-60 °C	
	Relative humidity		85 % (RH) or less (without dew condensation, Max. wet bulb temperature: 39 °C or less)	
	Operation altitude		2,000 meters or less	
	Operation atmosphere		Not exposed to corrosive gas or excessive dust (free of conductive dust)	
	Contamination level		Level 2	
Installation conditions	Dimensions W x H x D		215 x 156 x 42 mm	
	Panel cutout W x H		190 x 135 mm	
	Protect structure		Front panel: Compatible with IP65 (when waterproof gasket is used.), Rear cover: Compatible with IP20 Form: Single unit, Installation method: Panel mounting	
Case color			Black	
Compatibility			CE, KC	

■ External Dimensions (Unit: mm)

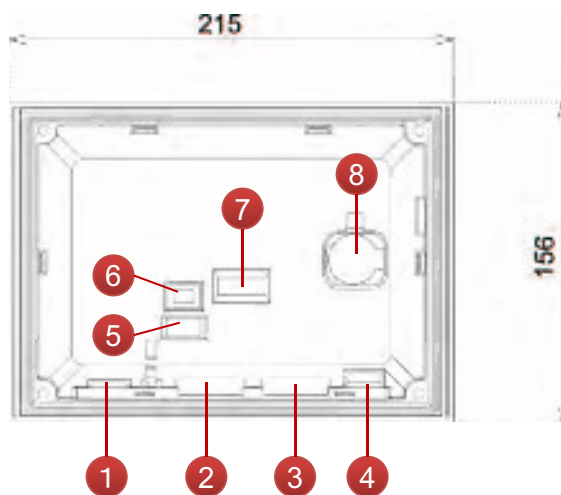
Front view



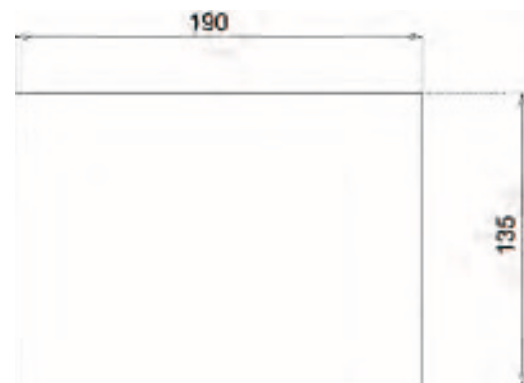
Side view



Rear view



Panel cutout



■ Part Names

- | | |
|---|-------------------------|
| ① Power supply | ⑤ USB I/F (Type A) |
| ② D-sub 9-pin for serial port (COM1) | ⑥ USB I/F (Type mini B) |
| ③ D-sub 9-pin for serial port (COM2/COM3) | ⑦ DIP switches |
| ④ 100BASE-TX/10BASE-T port (LAN) | ⑧ Battery |

TS1070 models

TS1070 ☐ — (Functional specifications) N/A : Without built-in LAN port
i : With built-in LAN port

Hakko Electronics Co., Ltd.

Overseas Sales Department

238 Kamikashiwano-machi, Hakusan-shi, Ishikawa 924-0035, Japan

Tel: +81-76-274-2144

Fax: +81-76-274-5136

E-mail: sales@hakko-elec.co.jp



EFA AUTOMAZIONE

Via S. Aleramo, 2
20063 Cernusco S/N (MI) ITALY
Tel. +39 02.92113180 r.a.
Fax +39 02.92113164
e-mail: info@efa.it
<http://www.efa.it>