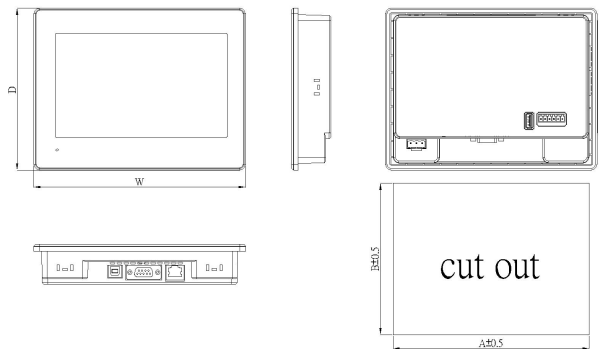
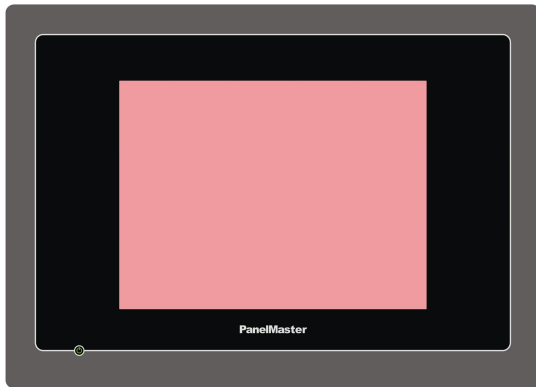


PT056 series Model Name PT056-AST1B Specification



Display information

Resolution	320x234 dots 5.6"
Active Display Area	
Type	TFT
Colors	65536 Colors
Backlight	LED, 20000 Hrs (note 1)
Display Brightness	300 cd/m2 typical
Dimming	Yes

Options

Expansion bus	X
One stereo speak out	X
One MIC in	X
CAN Bus	X
USB2, USB3	X
Front function key	X
34/40 pin key connector	X

Technical Data

Processor (CPU)	ARM926EJ-S 32bits
Speed	200 MHz
Working memory	32 MB SDRAM
Battery backup memory	128KB (Optional: 1MB)
Flash Memory	8MB (User Memory: 5MB)
Operating System	HMI RTOS; PM Designer
Graphic Engine	Support 2D
Real Time Clock	Yes

Ratings

Power supply voltage	24V DC+-10%
Power consumption (max. at 24 VDC)	10W
Net Weight	0.8KG

Front panel information

Touchscreen	4 wires analog resistive
LED Light Control	X
System LED	Power-on indicator x1
Communication LED	none

Environmental Conditions

Operating temperature	0 to 50°C
Storage temperature	-20 to 60°C
operating and storage humidity	10%~90% RH none-condensing(note2)
Protection class	IP65
Approvals	CE / FCC

Interfaces

Ethernet	X
USB	USB Host x 1 USB Client x 1
Printer port	None
Serial	COM1: RS232/422/485(DB9) COM2: RS232/ RS485 (T.B.) Com3: RS232 (Port1: Pin5;7;8)
Micro SD	X

Dimensions

Faceplate WxH	188 x 143.3 mm
Cutout AxB	174.5 x 132.5 mm
Cutout depth	40 mm
Front panel thickness	6 mm

Note 1: the lamp lifetime is the typical value for continuous operation at 25 °C.

Note 2: 10%~90% RH (0~40°C), 10%~55% RH (41°C ~50°C), Contamination degree 2

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