



# TK6070iQ



7" TFT

Touch screen human-machine interface

## Features

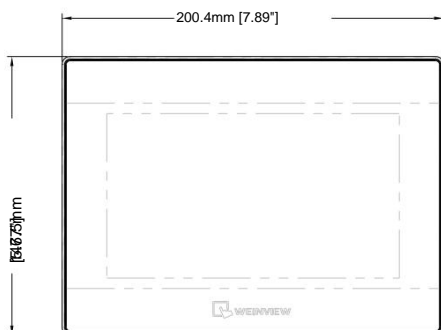
- 7" 800x480 TFT LCD
- Fanless cooling system
- Built-in storage memory and perpetual calendar
- IP65 front panel protection level
- LED backlight
- Com2 RS485 supports MPI 187.5K

show	Display	7" TFT LCD
	resolution (WxH dots)	800 x 480
	Brightness (cd/m <sup>2</sup> )	350
	Contrast	500:1
	Backlight	LED
	Backlight type	>30,000 hours
	Backlight type	65536 colors
Touch Panel	life	Four-wire resistance
	Display color	Action zone length (X) ±2%, width (Y) ±2%
Memory	type Touch	128 MB
	accuracy Flash Memory (RAM)	64 MB
processor		32Bit RISC CPU 400MHz
I/O Ports	SD card slot	N/A
	USB Host	USB 1.1 x 1
	USB Client	N/A
	Ethernet	N/A
	serial	COM1 RS-232 COM2 RS-485 2W/4W
	interface	N/A
	audio output video input	N/A
Perpetual calendar		built-in
power supply	Input power supply	24±20%VDC
	Power isolation	N/A
	Power	300mA@24VDC
	consumption	500VAC (min)
	Withstand voltage	Exceed 50Mv@ 500VDC
	Insulation	10 to 25Hz (X,Y,Z axis 2G 30 minutes)
Specification	impedance	Engineering Plastics
	Vibration resistance Housing	200.4 x 146.5 x 34mm
	material Dimensions WxHxD	192 x 138 (7.5" x 5.4")
	Opening size (mm)	Approx. 0.52 kg (1.15 lbs.)
Operating Environment	Weight (kg)	NEMA4 / IP65
	Protection level Storage	-20° ~ 60°C (-4° ~ 140°F)
	ambient temperature	0° ~ 50°C (32° ~ 122°F)
	Operating ambient temperature Relative ambient humidity	10% ~ 90% (non-condensing)
	PCB coating	N/A
Certification Software		Meets CE certification standards
		EasyBuilder8000 V4.65.16 or later

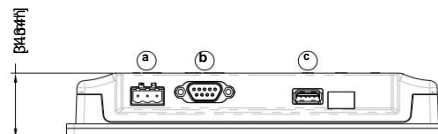


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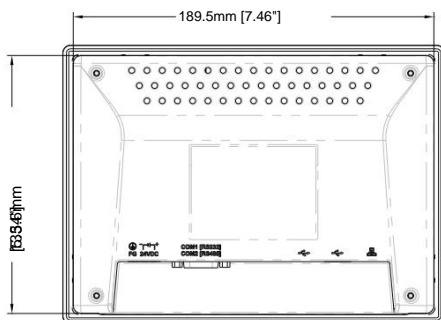
## Dimensions



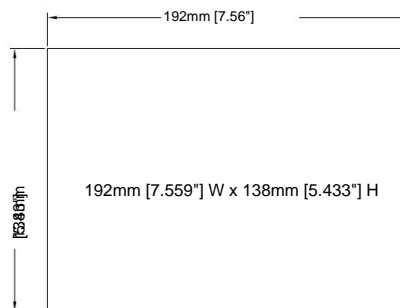
正视图



底视图



背视图



开孔尺寸图

<b>a</b>	Power interface
<b>b</b>	COM1 RS232, COM2 RS485 2W/4W
<b>c</b>	USB Host

### Pin definition COM1 [RS232], COM2 [RS485] 2W/4W

PIN#	Symbol	COM1 [RS232]	COM2 [RS485]4W	COM2 [RS485]2W
1	Rx-		Rx-	Data-
2	Rx+		Rx+	Data+
3	Tx-		Tx-	
4	Tx+		Tx+	
5	GND		GND	
6	TxD	TxD		
7	RTS	RTS		
8	CTS	CTS		
9	RxD	RxD		

### Ordering Information

#### TK6070iQ:

7" 800x480 TFT LCD HMI, built-in 128MB Flash / 64MB DDR2 RAM on board.

#### RZCT60700:

Breakout cable Com1 [232] / Com2 [485]