






# FATEK HMI FV Series

● Product Specification

Model	FV-058ST-T11 FV-058NT-T11	FT-070NT-T41	FV-080NT-T51	FV-104NT-T51	FV-121NT-T51
Image					
Size	5.7"	7"	8"	10.4"	12.1"
Display Type	256 TFT Color LCD w/Wide Angle of View	65536 TFT Color LCD w/Wide Angle of View			
Resolution (Pixels)	320 x 240	800 x 480	800 x 600	800 x 600	800 x 600
Contrast Adjustment	Adjustable by touch screen function				
Backlight	LED Backlight				
Touch Screen Resolution	Digital Resistor Membrane 1024 x 1024				
Power Supply	24VDC±10% Isolation				
Power Consumption	12W	20W	20W	20W	20W
CPU	RISC ARM 32Bit CPU				
Flash Memory	4M Bytes	8M Bytes	16MB		
Extension User Memory	x	128M Bytes	x		
System Working Memory	1M Bytes	64M Bytes			
Battery Backup Memory	128K Bytes (Optional: 1MB)				
Communication Port	Com1 / DB9: RS232/422/485		Com1 / DB9: RS232/422/485		
	Com2 / DB9: RS232/485 Com2 / TB4: RS422/485 Com3: X	Com2 / DB9: X Com2 / TB5: RS232/485 Com3: X USB x 2	Com2 / DB9: RS232/485 Com2 / TB5: RS422/485 Com3 / TB6: RS232		
Expansion Interface Card	Not Support		Yes(Optional)		
Web Communication Port	No: FV-058ST-T11 Yes: FV-058NT-T11	Standard			
Panel Protection	IP65 / NEMA 4				
Environment	Storage	- 20° ~ 60°			
	Operation	0° ~ 50° (*1)			
	Humidity	10% ~ 90% @ 50°C, non-condensing			
	Shakiness	10 to 55Hz (X, Y, Z direction, 1G 30 min.)			
	EMI	Complies with FCC Part 15 Class A			
	CE	Complies with EN61000-6-4; EN61000-6-2			
	Water prove	NEMA4 / IP65			
Certificate	CE / FCC				
Faceplate Dimension (WxHxD mm)	188X143.3x46	232.5 x 175.8 x 49	297 x 224 x 52	315 x 241 x 54.5	
Cutout Dimension(AxB)	174.5x132.5	221.5 x 164	285.5 x 210.5	301.5 x 228	
Net Weight (kg.)	0.85 KG	0.9 KG	1.4 KG	2.2 KG	

\*1. It's temporal situation the LCD screen may become indistinct after operating ST for several hours under over 40°C environment. The screen recovers when get back to normal temperature. FV operation works fine even screen indistinct.