

Product information

Programmable Display V9071iW Series

Read online: <http://monitouch.fujielectric.com/site/v9-e/v9071iw-01.html>

V9071iW series



V9071iWRLD



V9071iWLD



Dimensions and Part Names

		V9071iW
Power supply	Rated voltage	24V DC
	Permissible range of voltage	DC: $\pm 10\%$
	Permissible momentary power failure	DC within 1ms
	Demand (maximum rating)	DC: 22W or less
Insulation resistance		DC500V 10M Ω or more
Physical environment	Ambient temperature	0~50°C *1
	Ambient humidity	85%RH or less (without dew condensation) *1
	Operation altitude	2,000 meters or lower
	Atmosphere	Not to be exposed to corrosive gas, or conductive dust

		V9071iW
	Storage temperature	-10~60°C *1
	Storage humidity	85%RH or less (without dew condensation) *1
	Overvoltage category	Category II
	Contamination level	Level 2
Mechanical operating conditions	Resistance to oscillation	Complies with JIS B 3502 (IEC61131-2) Vibration frequency: 59Hz, pulsating with:3.5mm, 9150Hz, Acceleration: 9.8m/s ² (1G),X,Y,Z: 3 directions (10 times each)
	Resistance to shock	Complies with JIS B 3502 (IEC61131-2) Peak acceleration: 147m/s ² (15G), X,Y,Z: 3 directions, three times each (18 times in total)
Electric operating conditions	Resistance to noise	Noise voltage: 1,000Vp-p, pulse width: 1μs, pulse rise time: 1ns
	Resistance to static discharge	Complies with IEC61000-4-2, contact: 6kV, air: 8kV
Installation conditions	Grounding	Grounding resistance: Less than 100Ω, FG/SG separation
	Structure	Front panel: Complies with IP66, Type 4X/13 (when waterproof gasket is installed) Rear cover: Complies with IP20 Form: Single unit, Installation method: Panel mounting
	Cooling system	Natural air cooling
	Dimensions W*H*D(mm)	201.6×147.6×60.3
	Panel cutout (mm)	187.2×133.4 (+0.5/-0)
Case color		Light gray
Material		PC

- *1: Wet-bulb temperature should be 39°C or lower to prevent malfunction.

Performance Specifications

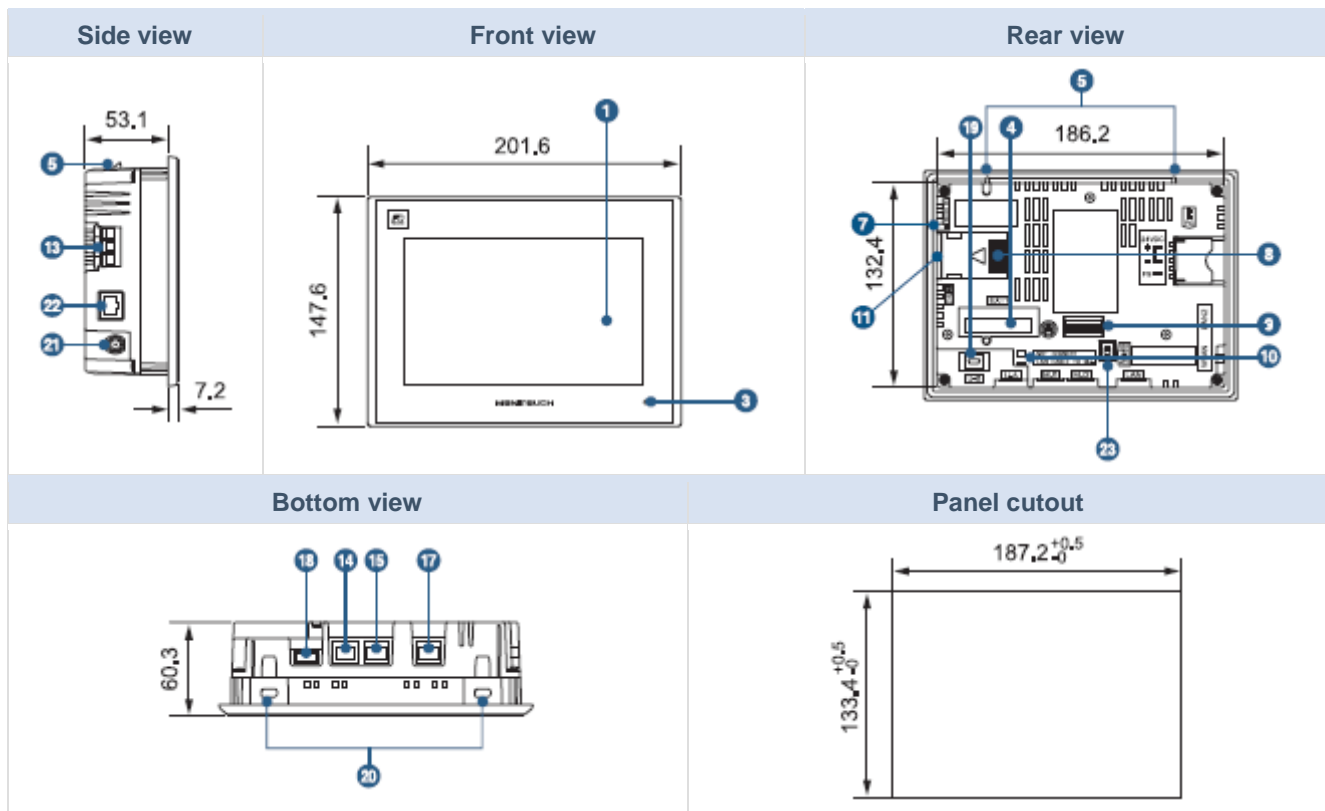
Screen memory (FROM)		64MB
Backup memory (SRAM)		800KB
Display	Display device	TFT color LCD
	Resolution	800×480

	Display size	7"wide
	Colors	16.7 million *2
	Backlight	LED
	Backlight life	100,000 hours
Touch switch	Type	Capacitance
External interface	D-Sub 9-pin (CN1)*3	RS-232C, RS-485(two-wire system), RS-422(four-wire system), Asynchronous type, Data length: 7,8 bits, Parity: even, odd, none, Stop bit: 1, 2 bits, Baud rate: 4800, 9600, 19200, 38400, 57600, 76800, 115200 bps
	Modular 8-pin (MJ1/MJ2)	RS-232C, RS-485(two-wire system), RS-422(four-wire system)*4, Asynchronous type, Data length: 7,8 bits, Parity: even, odd, none, Stop bit: 1, 2 bits, Baud rate: 4800, 9600, 19200, 38400, 57600, 76800, 115200, 187500*5 bps
	SD card	One card slot provided as standard
	Ethernet	2ch, Baud rate: 100Mbps, 10Mbps
	Wireless LAN	Complies with IEEE802.11b/g/n(2.4GHz) *6
	USB	Type A, Type mini-B(Ver.2.0)
	Sound output	-
Clock	Backup period	5 years (Ambient temperature 25°C)
	Calendar accuracy	Gap ±90 sec. per month (Ambient temperature 25°C, when power is not supplied)
Standard	CE marking	EN61000-6-2, EN61000-6-4, EN50581
	UL·cUL	UL508
	KC	Compliant
	Radio Act *6	Japan:TELEC USA:FCC Canada:IC RSS EU:R&TTE South Korea:KC

- *2: Only for pictures, 3D parts and videos. Other items are displayed in 65,536 colors.
- *3: Optional unit (DUR-00) is required for the V9071iW and V9060iTD.
- *4: MJ2 only.
- *5: 187,500bps (four-wire system) for the V9071iW and V9060iTD MJ2 only.
- *6: Wireless LAN-compatible products only.

Dimensions and Part Names

(Unit: mm)



Part Names

1. ① Display
2. ② Function switch
3. ③ Power lamp
4. ④ Communication unit connector (EXT1)
5. ⑤ Fall prevention hook
6. ⑥ Optional unit connector (EXT2)
7. ⑦ SD card access LED
8. ⑧ Battery holder
9. ⑨ DIP switch
10. ⑩ USB cable holding hole
11. ⑪ SD card connector
12. ⑫ Sound output connector (AUDIO)
13. ⑬ Power input terminal block
14. ⑭ Modular jack 1 (MJ1)
15. ⑮ Modular jack 2 (MJ2)
16. ⑯ PLC connector (CN1)
17. ⑰ 100BASE-TX/10BASE-T port (LAN)
18. ⑱ USB-A (U-A)
19. ⑲ USB mini-B (U-B)
20. ⑳ Screw hole

- 21. Wireless LAN antenna connector
- 22. 100BASE-TX/10BASE-T port (LAN2)
- 23. Slide switch

Models

