



V810 series

High-performance panels in 65,536 colors
Three grades of models from standard to high-performance

10.4-inch model   *5

High-performance model SVGA

Highly-functional model VGA

Standard model VGA

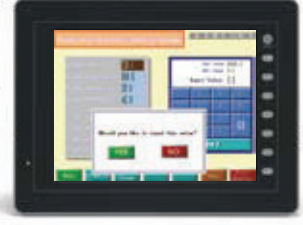
S



T



C



10.4 inches TFT SVGA 64K color 12.5M FROM SRAM 512K SRAM 3ch serial COM I/F CE A+B USB

With Ethernet port

V810iS    

Without Ethernet port

V810S 

10.4 inches TFT VGA 64K color 12.5M FROM SRAM 512K SRAM 3ch serial COM I/F CE A+B USB

With Ethernet port

V810iT    

Without Ethernet port

V810T 

10.4 inches TFT VGA 64K color 12.5M FROM SRAM 512K SRAM 3ch serial COM I/F CE A+B USB

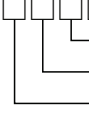
With Ethernet port

V810iC 

Without Ethernet port

V810C^{*1} 

V810 models

V810  [Power supply specifications] N/A: AC100-240V specifications D: DC24V (CE/UL/cUL approved)
[Touch switch specifications] N/A: Analog resistive switch M: Matrix resistive switch
[Device specifications] S: TFT color LCD (SVGA) T: TFT color LCD (VGA) C: TFT color LCD (VGA)
[Functional specifications] N/A: Without built-in LAN port, without optional unit port
i: With built-in LAN port, with optional unit port^{*2}

*1 FROM 4.5Mbytes · SRAM 128Kbytes
*2 Optional ports are not available in V810iC

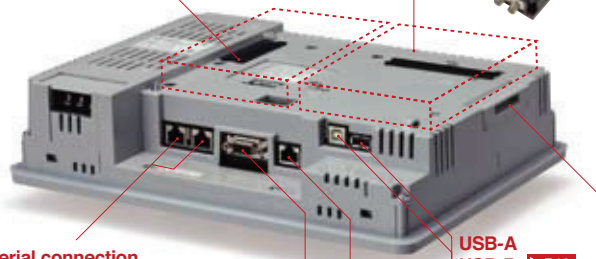
Communication units

- OPCN-1
- T-Link
- CC-Link
- Ethernet
- PROFIBUS-DP
- DeviceNet *3
- FL-net
- SX Bus



Optional units

- Video input + RGB input
- RGB input (2ch)
- Video input + sound output
- RGB input + sound output
- RGB output + sound output
- Sound output



Serial connection

Modular 8-pin  P14

- PLC
- Temperature controller/ Inverter
- Card recorder (CREC)
- Bar code reader
- V-I/O
- V-Link
- Touch switch
- PLC ladder transfer
- Modbus slave
- Printer (serial)

Serial connection

D-Sub 9-pin  P14

- PLC
- Temperature controller/ Inverter
- General PC
- Bar code reader

CF Card




	Model	V810iS	V810S	V810iT	V810T	V810iC	V810C	
Basic specification	Display size	10.4 inches						
	Display device	TFT color LCD						
	Resolution	800×600 dots		640×480 dots				
	Display colors	65,536 colors(without blinks)/32,768 colors(with blinks)						
Display memory		FROM (12.5MB)					FROM (4.5MB)	
	Backup memory	SRAM (512KB)					SRAM (128MB)	
Interface	D-Sub 9-pin CN1	RS-232C, RS-422/485, Asynchronous Data length: 7 bits, 8 bits, Parity: even, odd, none Stop bit: 1 bit, 2 bits, Baud rate: 4800, 9600, 19200, 38400, 57600, 76800, 115200, 187500 ⁴ bps						
	Modular 8-pin MU1/MJ2	RS-232C · RS-422/485(2-wire), Asynchronous Data length: 7 bits, 8 bits Parity: even, odd, none Stop bit: 1 bit, 2 bits, Baud rate: 4800, 9600, 19200, 38400, 57600, 76800, 115200bps						
	Ethernet	100BASE-TX /10BASE-T Built-in	Option (CU-03-3)	100BASE-TX /10BASE-T Built-in	Option (CU-03-3)	100BASE-TX /10BASE-T Built-in	Option (CU-03-3)	
	Communication I/F	Equipped						
	Extend I/F	Equipped	-	Equipped	-	-	-	
	CF card I/F	Equipped						
	USB I/F	Type A and B(Ver1.1)						
	Options	Video (4ch)	GU-00	-	GU-00	-	-	-
		RGB input	GU-01	-	GU-01	-	-	-
		RGB output	GU-02	-	GU-02	-	-	-
Video (2ch)+RGB input		GU-10	-	GU-10	-	-	-	
RGB input (2ch)		GU-11	-	GU-11	-	-	-	
Sound output	GU-00 ~ 03	-	GU-00 ~ 03	-	-	-		
Communication unit I/O unit	CU-00 ~ 08 V-I/O							
Compatibility	CE Marking ⁵	EN61000-6-2, EN61000-6-4						
	UL/cUL ⁵	UL508/UL1604 ⁶						
	RoHS directive	Complied						

*3 Under development *4 When connected with SIEMENS MPI

*5 Only with 24V DC models

*6 Contact us if UL1604 needs to be supported.

Legend of icons

 Display size (inches)

 Display device


 Display resolution

 Display colors

 FROM capacity

 SRAM (byte)

 Serial port

 Ethernet 100BASE-TX/10BASE-T