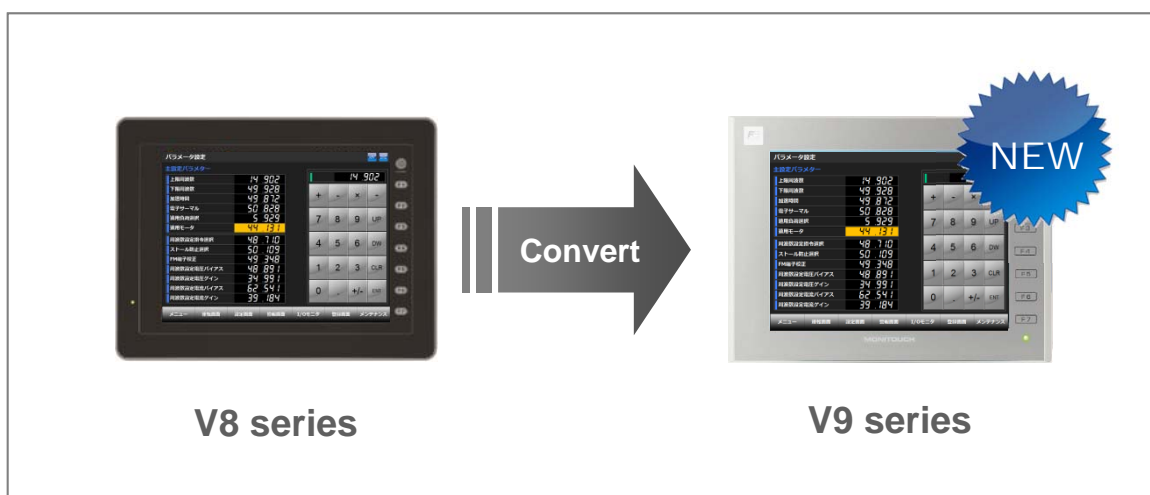


MONITOUCH

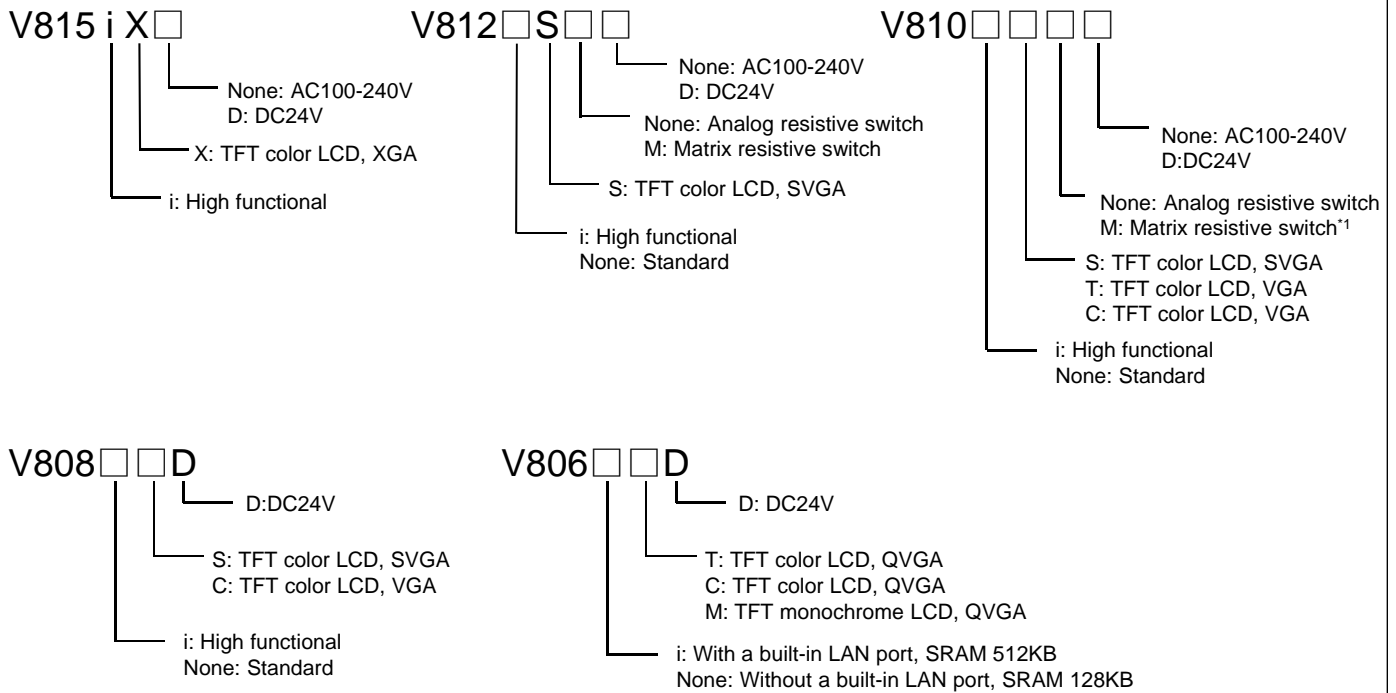
V9 Replacement Guidance [V8 series]



- List of V8 Series Models


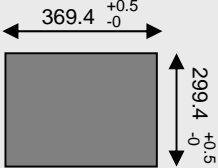
Following is a list of models in V8 series.


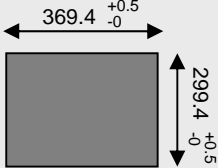
Please check the model of V8 unit in use and then refer to the recommended replacement model described in this manual.



^{*1} Matrix type is not available for V810S.


- V815 Series: Recommended Replacement Model

		V815	
		V815iX	V815iXD
Unit	- Front View		
	- Panel Cutout (mm)		
Display device		TFT color	
Display colors		65,536 colors	
Resolution		1024 x 768 dots	
Touch switch		Analog	
Comm. I/F	Serial	D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485	
	USB	USB-A, USB-B	
	Ethernet	1CH	
	Network	Comm unit: CU-xx	
Sound output		Optional unit: GU-00 - 03	
Video/RGB		Optional unit: GU-00 - 02, GU-10, GU-11	
Storage		CF card	
Power supply		AC100-240V	DC24V

		Recommended Replacement Model	
		V9150iX	V9150iXD
	- Front View		
	- Panel Cutout (mm)		
		TFT color	
		16.7mil colors^{*1}	
		1024 x 768 dots	
		Analog	
	D-Sub9pin	:RS-232C / RS-422/485	
	MJ 8-pin (2-port)	:RS-232C / RS-485	
		USB-A, USB-miniB	
		1CH as standard	
		Comm unit: CUR-xx	
		1CH as standard	
		Optional unit: GUR-00 - 02, GUR-10 - 11	
		SD/SDHC card, USB memory	
		AC100-240V	DC24V

^{*1} Only for pictures, 3D parts and video display. 65,536 colors for other functions.


- V812 Series: Recommended Replacement Model

		V812iS/V812S Series			
		V812iS V812S	V812iSM V812SM	V812iSD V812SD	V812iSMD V812SMD
Unit		<div>- Front View</div> <div></div> <div>- Panel Cutout (mm)</div> <div><div>313^{+0.5}₋₀</div><div>246.2^{+0.5}₋₀</div></div>			
Display device		TFT color			
Display colors		65,536 colors			
Resolution		800 x 600 dots			
Touch switch		Analog	Matrix	Analog	Matrix
Comm. I/F	Serial	D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485			
	USB	USB-A, USB-B			
	Ethernet	1CH *1			
	Network	Comm unit: CU-xx			
Sound output		Optional unit *1 : GU-00 - 03			
Video/RGB		Optional unit *1 : GU-00 - 02, GU-10, GU-11			
Storage		CF card			
Power supply		AC100-240V			DC24V


^{*1} Only for V812iS/V812iSM/V812iSD/V812iSMD.

^{*2} Only for pictures, 3D parts and video display. 65,536 colors for other functions.

^{*3} it is not possible to push the two positions on the touch switch at the same time. However, it is possible to push the touch switch.


Recommended Replacement Model	
V9120iS	V9120iSD
<div> <div>- Front View</div>  <div>- Panel Cutout (mm)</div> <div>313^{+0.5}₋₀</div> <div>246.2^{+0.5}₋₀</div> </div>	
TFT color	
16.7mil colors ^{*2}	
800 x 600 dots	
Analog ^{*3}	
D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485	
USB-A, USB-miniB	
1CH as standard	
Comm unit: CUR-xx	
1CH as standard	
Optional unit: GUR-00 - 02, GUR-10 - 11	
SD/SDHC card, USB memory	
AC100-240V	DC24V

- V810iS/V810S Series: Recommended Replacement Model

		V810iS/V810S series			
		V810iS	V810S	V810iSD	V810SD
Unit		<div><div>- Front View</div><div></div><div><div>- Panel Cutout (mm)</div><div><div><div>289^{+0.5}₋₀</div><div>216.2^{+0.5}₋₀</div></div></div></div></div>			
Display device		TFT color			
Display colors		65,536 colors			
Resolution		800 x 600 dots			
Touch switch		Analog			
Comm. I/F	Serial	D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485			
	USB	USB-A, USB-B			
	Ethernet	1CH ^{*1}			
	Network	Comm unit: CU-xx			
Sound output		Optional unit ^{*1} : GU-00 - 03			
Video/RGB		Optional unit ^{*1} : GU-00 - 02, GU-10, GU-11			
Storage		CF card			
Power supply		AC100-240V			DC24V



^{*1} Only for V810iS/V810iSD.



^{*2} Only for pictures, 3D parts and video display. 65,536 colors for other functions.

Recommended Replacement Model	
V9100iS	V9100iSD
<div> <div>- Front View</div>  <div>- Panel Cutout (mm)</div> <div>289^{+0.5}₋₀</div> <div>216.2^{+0.5}₋₀</div> </div>	
TFT color	
16.7mil colors ^{*2}	
800 x 600 dots	
Analog	
D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485	
USB-A, USB-miniB	
1CH as standard	
Comm unit: CUR-xx	
1CH as standard	
Optional unit: GUR-00 - 02, GUR-10 - 11	
SD/SDHC card, USB memory	
AC100-240V	DC24V

- V810iT/V810T Series: Recommended Replacement Model

- With a “GU-xx” optional unit

V810iT series				
		V810iT	V810iTM	V810iTD / V810iTMD
Unit	- Front View			
	- Panel Cutout (mm)	 <div> <div>289^{+0.5}₋₀</div> <div>216.2^{+0.5}₋₀</div> </div>		
Display device		TFT color		
Display colors		65,536 colors		
Resolution		640 x 480 dots		
Touch switch		Analog	Matrix	Analog / Matrix
Comm. I/F	Serial	D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485		
	USB	USB-A, USB-B		
	Ethernet	1CH		
	Network	Comm unit: CU-xx		
Sound output		Optional unit: GU-00 - 03		
Video/RGB		Optional unit: GU-00 - 02, GU-10, GU-11		
Storage		CF card		
Power supply		AC100-240V		DC24V



Recommended Replacement Model	
V9100iS	V9100iSD
- Front View	- Panel Cutout (mm)
	
TFT color	
16.7mil colors *1	
800 x 600 dots *2	
Analog *3	
D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485	
USB-A, USB-miniB	
1CH as standard	
Comm unit: CUR-xx	
1CH as standard	
Optional unit: GUR-00 - 02, GUR-10 - 11	
SD/SDHC card, USB memory	
AC100-240V	DC24V


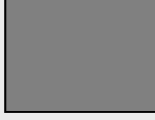
*1 Only for pictures, 3D parts and video display. 65,536 colors for other functions.

*2 The resolution is SVGA. Please use screen auto-resize function when you change the edit model during screen configuration.

*3 it is not possible to push the two positions on the touch switch at the same time. However, it is possible to push the touch switch.

- Without “GU-xx” optional unit

V810iT/V810T series				
		V810iT / V810T	V810iTM / V810TM	V810iTD / V810TMD
Unit	- Front View			
	- Panel Cutout (mm)	 <div> <div>289^{+0.5}₋₀</div> <div>216.2^{+0.5}₋₀</div> </div>		
Display device		TFT color		
Display colors		65,536 colors		
Resolution		640 x 480 dots		
Touch switch		Analog	Matrix	Analog / Matrix
Comm. I/F	Serial	D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485		
	USB	USB-A, USB-B		
	Ethernet	1CH *1		
	Network	Comm unit: CU-xx		
Storage		CF card		
Power supply		AC100-240V		DC24V


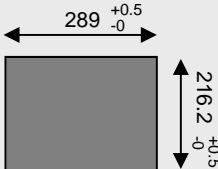
Recommended Replacement Model	
V9100iC	V9100iCD
- Front View	- Panel Cutout (mm)
	
TFT color	
16.7mil colors *2	
640 x 480 dots	
Analog *3	
D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485	
USB-A, USB-miniB	
1CH as standard	
Comm unit: CUR-xx	
SD/SDHC card, USB memory	
AC100-240V	DC24V


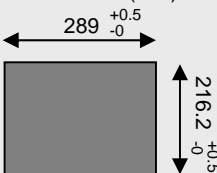
*1 Only for V810iT/V810iTM/V810iTD/V810iTMD.

*2 Only for pictures and 3D parts. 65,536 colors for other functions.

*3 it is not possible to push the two positions on the touch switch at the same time. However, it is possible to push the touch switch.

- V810iC/V810C Series Recommended Replacement Model

		V810iC/V810C Series			
		V810iC V810C	V810iCM V810CM	V810iCD V810CD	V810iCMD V810CMD
Unit	- Front View				
	- Panel Cutout (mm)				
Display device		TFT color			
Display colors		65,536 colors			
Resolution		640 x 480 dots			
Touch switch		Analog	Matrix	Analog	Matrix
Comm. I/F	Serial	D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485			
	USB	USB-A, USB-B			
	Ethernet	1CH **1			
	Network	Comm unit: CU-xx			
Storage		CF card			
Power supply		AC100-240V		DC24V	


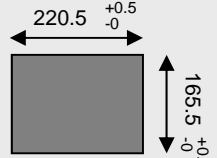
Recommended Replacement Model	
V9100iC	V9100iCD
- Front View	- Panel Cutout (mm)
	
TFT color	
16.7mil colors *2	
640 x 480 dots	
Analog *3	
D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485	
USB-A, USB-miniB	
1CH as standard	
Comm unit: CUR-xx	
SD card/SDHC card, USB memory	
AC100-240V	DC24V


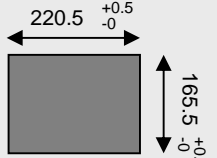
*1 Only for V810iC/V810iCM/V810iCD/V810iCMD.

*2 Only for pictures and 3D parts. 65,536 colors for other functions.

*3 It is not possible to push the two positions on the touch switch at the same time. However, it is possible to push the touch switch.


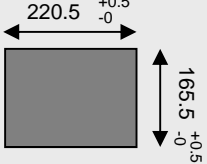
- V808 Series: Recommended Replacement Model

V808iS/V808S Series				
		V808iSD	V808SD	
Unit	- Front View			
	- Panel Cutout (mm)			
Display device		TFT color		
Display colors		65,536 colors		
Resolution		800 x 600 dots		
Touch switch		Analog		
Comm. I/F	Serial	D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485		
	USB	USB-A, USB-B		
	Ethernet	1CH *1		
	Network	Comm unit: CU-xx		
Sound output		Optional unit *1 : GU-00 - 03		
Video/RGB		Optional unit *1 : GU-00 - 02, GU-10, GU-11		
Storage		CF card		
Power supply		DC24V		


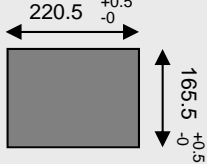
Recommended Replacement Model	
V9080iSD	
- Front View	- Panel Cutout (mm)
	
TFT color	
16.7mil colors *2	
800 x 600 dots	
Analog	
D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485	
USB-A, USB-miniB	
1CH as standard	
Comm unit: CUR-xx	
1CH as standard	
Optional unit: GUR-00 - 02, GUR-10 - 11	
SD card/SDHC card, USB memory	
DC24V	

*1 Only for V808iSD.


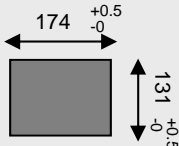
*2 Only for pictures, 3D parts and video display. 65,536 colors for other functions.

V808iC/V808C Series		
	V808iCD	V808CD
Unit	- Front View	- Panel Cutout (mm)
		
Display device	TFT color	
Display colors	65,536 colors	
Resolution	640 x 480 dots	
Touch switch	Analog	
Comm. I/F	Serial	D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485
	USB	USB-A, USB-B
	Ethernet	1CH -
	Network	Comm unit: CU-xx
Storage	CF card	
Power supply	DC24V	

*1 Only for pictures and 3D parts. 65,536 colors for other functions.

Recommended Replacement Model	
V9080iCD	
- Front View	- Panel Cutout (mm)
	
TFT color	
16.7mil colors *1	
640 x 480 dots	
Analog	
D-Sub9pin :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-485	
USB-A, USB-miniB	
1CH as standard	
Comm unit: CUR-xx	
SD/SDHC card, USB memory	
DC24V	

- V806 Series: Recommended Replacement Model


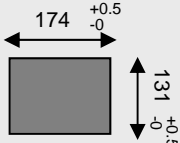
		V806i/V806 Series		
		V806iTD V806TD	V806iCD V806CD	V806iMD V806MD
Unit		- Front View	- Panel Cutout (mm)	
				
Display device		TFT color		TFT mono
Display colors		65,536 colors		16-grayscale
Resolution		320 x 240 dots		
Touch switch		Analog		
Comm. I/F	Serial	D-Sub9pin (with DU-10) :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-422/485 *1		
	USB	USB-A, USB-B		
	Ethernet	1CH *2		
	Network	Comm unit: CU-xx		
Storage		CF card (with DU-10)		
Power supply		DC24V		

*1 MJ2 port supports RS422 with 4-wire system.

*2 Only for V806iTD/V806iCD/V806iMD.

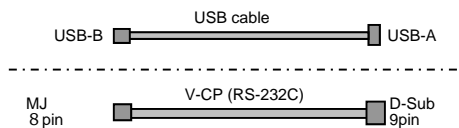
*3 Only for pictures and 3D parts. 65,536 colors for other functions.

*4 Resolution is VGA. Please use screen auto-resize function when you change the edit model during screen configuration.

Recommended Replacement Model	
V9060iTD	
- Front View	- Panel Cutout (mm)
	
TFT color	
260K colors *3	
640 x 480 dots *4	
Analog	
D-Sub9pin (with DUR-00) :RS-232C / RS-422/485 MJ 8-pin (2-port) :RS-232C / RS-422/485 *1	
USB-A, USB-miniB	
1CH as standard	
Comm unit: CUR-xx	
SD/SDHC card (1CH as standard) , USB memory	
DC24V	

- Screen Program Transfer

- For V8 Series



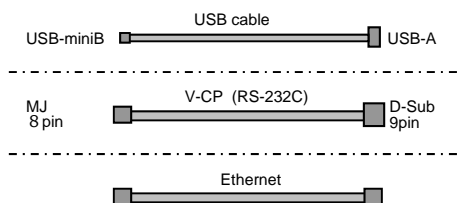
* It is also possible to transfer a screen program via a CF card or Ethernet (in case of "I" model or CU-03 unit connection.)

[Configuration Software]

V-SFT-5 (Ver. 5)

Windows 98SE / NT4.0 / Me / 2000 /
XP / XP 64 Edition / Vista (32bit, 64bit) /
7 (32bit, 64bit) / 8 (32bit, 64bit) /
8.1 (32bit, 64bit)

- For V9 Series



* It is also possible to transfer a screen program via an SD card or USB memory.

* V9's LAN port supports auto-MDIX so that you can use both straight and cross cable s, regardless of the use of a hub.

[Configuration Software]

V-SFT-6 (Ver. 6)

Windows XP / XP 64 Edition /
Vista (32bit, 64bit) / 7 (32bit, 64bit) /
8 (32bit, 64bit) / 8.1 (32bit, 64bit)

- Screen Program Conversion

If you have the screen program of V8 series unit, it is possible to convert the program from V8 series to V9 series using V-SFT-6 (configuration software for V series) .

However, it may not be possible to keep the screen program 100% compatible. The program may be somewhat limiting, or some of the functions may not be converted to meet the specifications of the new model.

Please refer to documentation on V9 function limitations for further details.

<http://monitouch.fujielectric.com/uploaded/attachment/146.pdf>

* Above recommended models are the ones with less limitations . Replacement with other models than recommended types are also available to meet your system requirement.



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