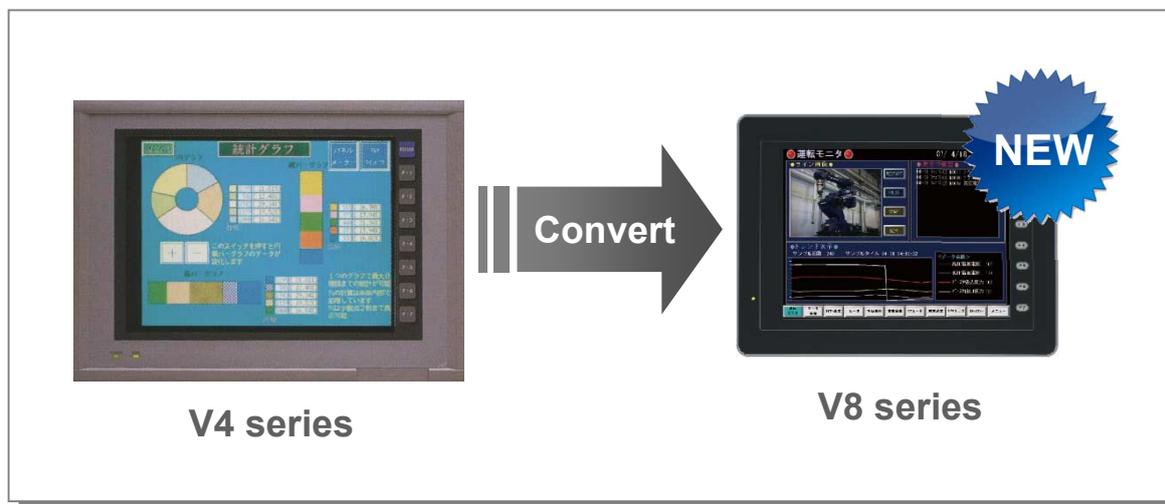
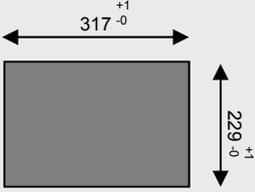


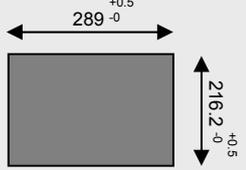
# MONITOUCH

## V8 Replacement Guidance [V4 series]



- Recommended models for replacement of V4T series

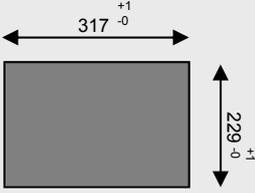
	V4T series	
	V4T0x0x-x	V4T1x0x-x
MONITOUCH		
Panel cut-out dimensions (mm)		
Display device	TFT color	
Colors	16 colors	8 colors
Resolution	640 × 480 dots	
Touch switch	Matrix	
Communication I/F	D-sub 25-pin: RS-232C/422 Terminal block: RS-422	
Power supply	85 to 265 VAC	

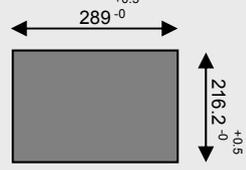
Recommended models for replacement			
V810T/ V810TN	V810C/ V810CN	V810TM/ V810TMN	V810CM/ V810CMN
			
			
Use Hakko Electronics' mounting panel adaptor "PAD-V610".			
TFT color			
65,536 colors			
640 × 480 dots			
Analog		Matrix	
D-sub 9-pin: RS-232C/422 Modular jack 8-pin (2 ports): RS-232C/485			
100 to 240 VAC			

\*1 Use a V8-specific cable as a PLC connection cable. When using the existing cable, use Hakko Electronics' conversion cable "D9-D25".

\*2 To use a terminal block for connection, use Hakko Electronics' optional terminal converter "TC-D9".

\*3 When replaced with an analog switch model, two points on the screen cannot be pressed simultaneously. For two-point pressing, use a switch on the screen and a function switch.

	V4T series	
	V4T2x0x-x	
MONITOUCH		
Panel cut-out dimensions (mm)		
Display device	TFT color	
Colors	16 colors	
Resolution	640 × 480 dots	
Touch switch	Matrix	
Communication I/F	D-sub 25-pin: RS-232C/422 Terminal block: RS-422	
Power supply	85 to 265 VAC	

Recommended models for replacement	
V810IT/V810ITN	V810ITM/V810ITMN
	
	
Use Hakko Electronics' mounting panel adaptor "PAD-V610".	
TFT color	
65,536 colors	
640 × 480 dots	
Analog	Matrix
D-sub 9-pin: RS-232C/422 Modular jack 8-pin (2 ports): RS-232C/485	
100 to 240 VAC	

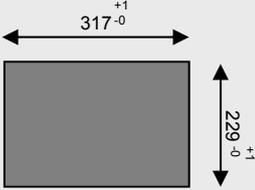
\*1 Use a V8-specific cable as a PLC connection cable. When using the existing cable, use Hakko Electronics' conversion cable "D9-D25".

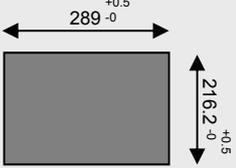
\*2 To use a terminal block for connection, use Hakko Electronics' optional terminal converter "TC-D9".

\*3 When using analog RGB output signals, install Hakko Electronics' optional unit "GU-02".

\*4 When replaced with an analog switch model, two points on the screen cannot be pressed simultaneously. For two-point pressing, use a switch on the screen and a function switch.

- Recommended models for replacement of V4C series

	V4C series	
	V4C0x0x-x	V4C1x0x-x
MONITOUCH		
Panel cut-out dimensions (mm)		
Display device	STN color	
Colors	16 colors	8 colors
Resolution	640 × 480 dots	
Touch switch	Matrix	
Communication I/F	D-sub 25-pin: RS-232C/422 Terminal block: RS-422	
Power supply	85 to 265 VAC	

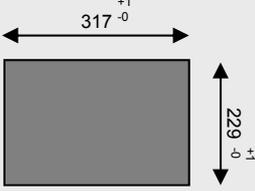
Recommended models for replacement	
V810C/V810CN	V810CM/V810CMN
	
	
Use Hakko Electronics' mounting panel adaptor "PAD-V610".	
TFT color	
65,536 colors	
640 × 480 dots	
Analog	Matrix
D-sub 9-pin: RS-232C/422 Modular jack 8-pin (2 ports): RS-232C/485	
100 to 240 VAC	

\*1 Use a V8-specific cable as a PLC connection cable. When using the existing cable, use Hakko Electronics' conversion cable "D9-D25".

\*2 To use a terminal block for connection, use Hakko Electronics' optional terminal converter "TC-D9".

\*3 When replaced with an analog switch model, two points on the screen cannot be pressed simultaneously. For two-point pressing, use a switch on the screen and a function switch.

- Recommended models for replacement of V4W/B/H series

	V4W/B/H series		
	V4W1x0x-x	V4B1x0x-x	V4H1x0x-x
MONITOUCH			
Panel cut-out dimensions (mm)			
Display device	STN monochrome		
Colors	8-level grayscale		
Resolution	640 × 480 dots		
Touch switch	Matrix		
Communication I/F	D-sub 25-pin: RS-232C/422 Terminal block: RS-422		
Power supply	85 to 265 VAC		

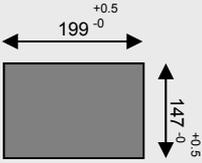
Recommended models for replacement	
V810C/V810CN	V810CM/V810CMN
	
	
Use Hakko Electronics' mounting panel adaptor "PAD-V610".	
TFT color	
65,536 colors	
640 × 480 dots	
Analog	Matrix
D-sub 9-pin: RS-232C/422 Modular jack 8-pin (2 ports): RS-232C/485	
100 to 240 VAC	

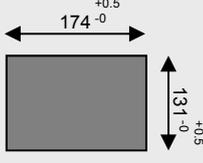
\*1 Use a V8-specific cable as a PLC connection cable. When using the existing cable, use Hakko Electronics' conversion cable "D9-D25".

\*2 To use a terminal block for connection, use Hakko Electronics' optional terminal converter "TC-D9".

\*3 When replaced with an analog switch model, two points on the screen cannot be pressed simultaneously. For two-point pressing, use a switch on the screen and a function switch.

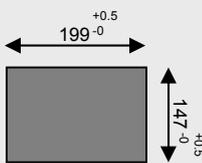
- Recommended models for replacement of V4SC series

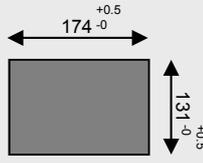
V4SC series	
V4SC0x0x-x	
MONITOUCH	
Panel cut-out dimensions (mm)	
Display device	STN color
Colors	16 colors
Resolution	320 × 240 dots
Touch switch	Matrix
Communication I/F	D-sub 25-pin: RS-232C/422
Power supply	24 VDC

Recommended models for replacement	
V806CD/V806CDN	
	
	
	Use Hakko Electronics' mounting panel adaptor "PAD-V606".
	STN color
	65,536 colors
	320 × 240 dots
	Analog
	D-sub 9-pin: RS-232C/422 (with "DU-10" or "DUN-10" attached) Modular jack 8-pin (2 ports): RS-232C/422/485 *3
	24 VDC

\*1 Use a V8-specific cable as a PLC connection cable. When using the existing cable and attaching "DU-10" or "DUN-10", use Hakko Electronics' conversion cable "D9-D25". When not attaching "DU-10" nor "DUN-10" (except for connection with a Mitsubishi A series CPU), use Hakko Electronics' conversion cable "MJ2-PLC". For connection with a Mitsubishi A series CPU, use "V706-ACPU".  
 \*2 Two points on the screen cannot be pressed simultaneously. For two-point pressing, use a switch on the screen and a function switch.  
 \*3 The MJ2 port can be used for connection via RS-422 (4-wire connection).  
 \*4 When using the D-sub 9-pin connector on the V806, use "DU-10" for V806CD and "DUN-10" for V806CDN.

- Recommended models for replacement of V4SW/SB series

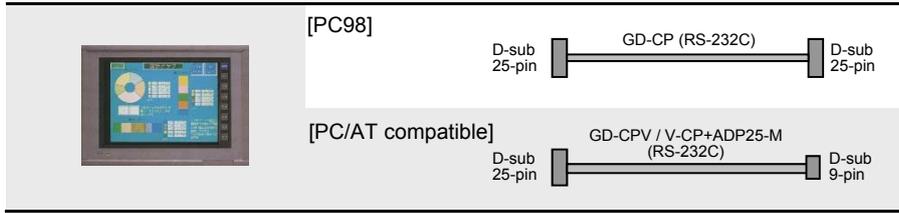
V4SW/SB series	
V4SW1x0x-x	V4SB1x0x-x
MONITOUCH	
Panel cut-out dimensions (mm)	
Display device	STN monochrome
Colors	8-level grayscale
Resolution	320 × 240 dots
Touch switch	Matrix
Communication I/F	D-sub 25-pin: RS-232C/422
Power supply	24 VDC

Recommended models for replacement	
V806MD/V806MDN	
	
	
	Use Hakko Electronics' mounting panel adaptor "PAD-V606".
	STN monochrome
	16-level grayscale
	320 × 240 dots
	Analog
	D-sub 9-pin: RS-232C/422 (with "DU-10" or "DUN-10" attached) Modular jack 8-pin (2 ports): RS-232C/422/485 *3
	24 VDC

\*1 Use a V8-specific cable as a PLC connection cable. When using the existing cable and attaching "DU-10" or "DUN-10", use Hakko Electronics' conversion cable "D9-D25". When not attaching "DU-10" nor "DUN-10" (except for connection with a Mitsubishi A series CPU), use Hakko Electronics' conversion cable "MJ2-PLC". For connection with a Mitsubishi A series CPU, use "V706-ACPU".  
 \*2 Two points on the screen cannot be pressed simultaneously. For two-point pressing, use a switch on the screen and a function switch.  
 \*3 The MJ2 port can be used for connection via RS-422 (4-wire connection).  
 \*4 When using the D-sub 9-pin connector on V806, use "DU-10" for V806MD and "DUN-10" for V806MDN.

## - Screen program transfer

### - V4 series

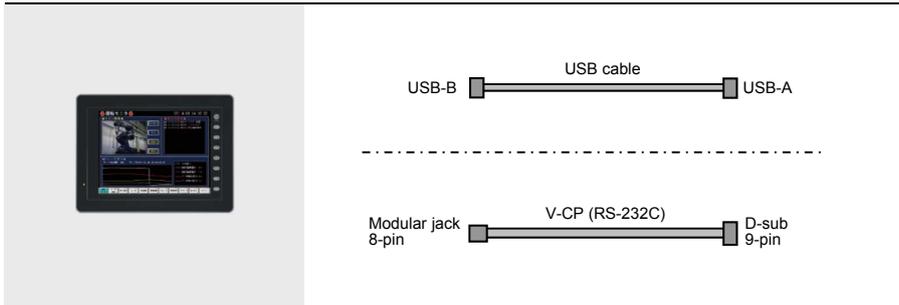


[Screen configuration software]

**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) / 10 (32bit, 64bit)



### - V8 series



[Screen 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) / 10 (32bit, 64bit)

**V-SFT-6 (Ver. 6)**  
 Windows XP / XP 64 Edition / Vista (32bit, 64bit) / 7 (32bit, 64bit) / 8 (32bit, 64bit) / 8.1 (32bit, 64bit) / 10 (32bit, 64bit)

\* Screen programs can also be transferred via Ethernet.

## - Screen program conversion

The V4 series can be replaced with the V8 series by converting the V4 series screen program using V-SFT-5 or V-SFT-6 (V series screen configuration software).

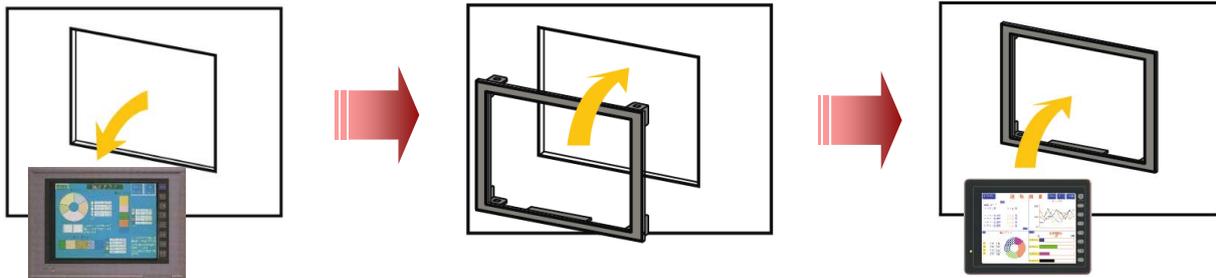
However, note that 100% compatibility is not ensured and some functions may be limited or may not be available after replacement.

For details, refer to the V8 Series File Conversion Manual.

## - Mounting panel adaptor (PAD-Vxxx)

A mounting panel adaptor is used when installing a new MONITOUCH model into the panel cut-out hole of the V4 series.

- (1) Remove the V4 series unit from the panel.      (2) Install the mounting panel adaptor.      (3) Install a V8 series unit.



\* The indicated recommended model for replacement can be used with minimal restrictions. Please note that other models not described here can also be used; make a selection according to your system requirements.

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<https://monitouch.fujielectric.com/>