

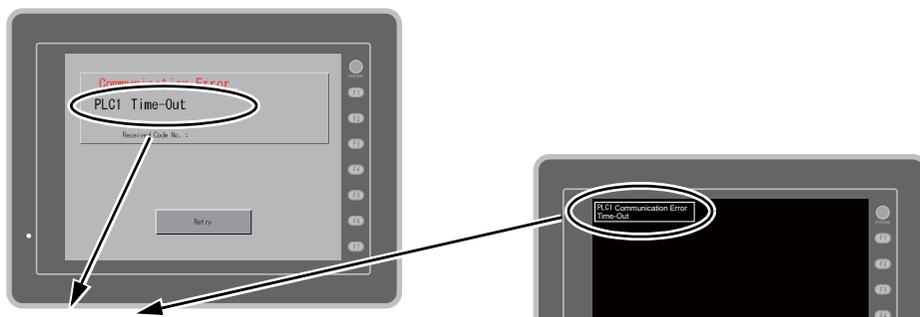
Appendix 7 Error

There are five kinds of error messages displayed on the V8 series:

- 1) Communication error
- 2) Data Loading
- 3) Warning
- 4) SYSTEM ERROR
- 5) Touch Switch is Active

Communication Error

When communication is not established between the V8 series and a controller, or any abnormality (noise etc.) is detected, the following messages are displayed on the V8 series.



A7

Error Messages	Contents	Solution	Remarks
Time-Out	Although a request to send is given to a controller, no answer is returned within the specified time.	1. Check settings in the [Communication Setting] tab window of the [Device Connection Setting] dialog.	1
		2. Check the cable connection.	
Parity	An error occurred in parity check.	3. Data may be disrupted because of noise. Fix noise.	2
		1. Check the cable connection.	1
Framing	Although the stop bit must be [1], it is detected as [0].	2. Data may be disrupted because of noise. Fix noise.	2
		1. Check settings in the [Communication Setting] tab window of the [Device Connection Setting] dialog.	1
Overrun	After one character is received, the next character is received before internal processing is completed.	2. Check the cables and wiring.	
		1. Check settings in the [Communication Setting] tab window of the [Device Connection Setting] dialog.	1
Check code error	The check code in the controller response was not correct.	2. Data may be disrupted because of noise. Fix noise.	2
		1. Check settings in the [Communication Setting] tab window of the [Device Connection Setting] dialog.	1

* If the above error messages are displayed on the V8 series without establishing communication between V8 and PLC, test the solution of remark "1". If the error occurs suddenly in communication, test the solution of remark "2".

Error Messages	Contents	Solution
Error code received	An error code was sent by a controller. (NAK)	Examine the controller error code and solve the problem.
Break	The controller's SD remains at the low level.	Examine the connection between the controller's SD and the V8's RD.
Invalid memory (Mitsubishi CPU)	You specified an address that exceeds the memory range of the PLC that you are linked to.	Check the type and range of memory that you set.
Invalid CPU model (Mitsubishi CPU)	The PLC currently being supported does not have a corresponding CPU.	Confirm whether or not the CPU that you are using can be used with the V8 series.
Format	The code of the received data is invalid.	<ol style="list-style-type: none"> 1. Confirm link unit settings. (After making settings, cut power to the controller.) 2. Review the [Device Connection Setting] ([System Setting] → [Device Connection Setting]). 3. If errors only occur from time to time, a noise-based communication error may be present.
Compare (HIDIC S10)	Transmission data and received data are different.	
NAK	A NAK code is received.	
Transaction Error (Allen-Bradley PLC)	Transmitted transaction data and received transaction data are not in agreement.	
Communication Error	An unclear communication error is detected.	
Count error (Mitsubishi CPU and Q link unit)	The expected data amount is different from the count value.	
Command error (Mitsubishi CPU and Q link unit)	The response code differs from the expected code.	
Invalid cassette (Mitsubishi ACPU)	This cassette is not included in the memory cassettes currently being supported.	Contact your local distributor.
Password error (Mitsubishi QCPU)	The password is incorrect.	

Error Messages for Network Communication

Ethernet

Error Messages	Contents	Solution
Ethernet Error:XXXX	The Ethernet status is saved at system memory address \$s518 and a code other than "0" (normal) is received. XXXX : Error No.	For the contents and solution to each error number, refer to Appendix 5 of the V8 Series Connection Manual separately provided.

CC-LINK

Error Messages	Contents	Solution
I/F Board Err	The I/F unit for CC-LINK has an error.	Contact your local distributor.
Station Number Err	The port number set by a switch is not within the setting range (1 to 64).	Specify the port number within the setting range.
Word Writing to Sp. Relay	Word writing to a special relay (M9000 and later) is attempted. (Notes: Only bit writing is possible for special relays when connecting with CC-LINK.)	Do not attempt to perform word writing to special relays.

OPCN-1

Error Messages	Contents	Solution
I/F Board Err	The I/F unit for OPCN-1 has an error.	Contact your local distributor.
Stat. No. out of range	The port number set by a switch is not within the setting range (1 to 127).	Specify the port number within the setting range.
Network Link Error	Cannot connect to the master station in the network.	Check the condition of the master station (PLC). Check the network connection.
Network I/O Access Err	MONITOUCH has attempted to have access to a memory area out of the designated input/output words.	Check the memory for the network I/O in the screen data file.
Waiting for Reply	1. Less than "Max_int" time (communication monitoring time for slave station) set on the PLC for OPCN-1 communications 2. Timeout on the V8 series (The timeout time can be set in the [Device Connection Setting] dialog that is displayed by selecting [System Setting] → [Device Connection Setting] on the V-SFT-5 editor.) This error is indicated when the above 1 and 2 are present.	When the "Max_int" time is too long (infinite, for example) on the PLC, it is not possible to know whether or not the response from the PLC is correctly made. This error message disappears when a response from the PLC is received within the "Max_int" time.
Word Writing to Sp. Relay (Mitsubishi: A Series)	Word writing to a special relay (M9000 and later) is attempted. (Notes: Only bit writing is possible for special relays when connecting with OPCN-1.)	Do not attempt to perform word writing to special relays.

T-LINK

Error Messages	Contents	Solution
T-LINK I/F Board Err	The I/F unit for T-LINK has an error.	Contact your local distributor.
Network I/O Access Err	MONITOUCH has attempted to have access to a memory area out of the designated input/output words.	Check the memory for the network I/O in the screen data file.
Communication Error Received Code No. 22	The PLC loader is being accessed so that processing is not performed on the V8 series. (This error occurs during program transfer from the PLC loader for most cases.)	Wait for the PLC loader to finish processing, and press the [RETRY] switch on the V8 screen.
Communication Error Received Code No. 32	An attempt to access an area that does not exist within the PLC is made. Example: A file area (W) that is not defined with the PLC program	Check the PLC memory addresses set in the screen data file.
Communication Error Received Code No. 36	The number of monitor registration points is too small.	Correct the number of monitor registration points. For monitor registration, refer to the user manual of the PLC you are using.

PROFIBUS-DP

Error Messages	Contents	Solution
Time-Out	"Check" is displayed 2 or 3 seconds before this error occurs when connecting the V8 series and PROFIBUS-DP in the RUN mode.	The setting for [Own Stat. No.] on the V8 series is discrepant with that for [Address] for [V8 series] on the SIMATIC Manager. Check and correct the setting.
	A screen is displayed instantaneously (= communications performed) before this error occurs when connecting the V8 series and PROFIBUS-DP in the RUN mode.	The DB address set on the V8 screen may not exist on the PLC (memory over). Check the setting.

DeviceNet

○: Extinguished ●: Illuminated ◎: Blinking

Error Messages	LED		Contents	Solution
	MS	NS		
Initialization error	● Red	○	Reading or writing to RAM is not performed normally during initialization check.	<ul style="list-style-type: none"> Turn the power on again. If recovery is not possible, a fault is suspected.
			Start-up information check error: The baud rate is outside the specified range.	<ul style="list-style-type: none"> Make the baud rate (using DIP switch 7 and 8) the same as set for the master on "CU-07" and turn on the power again. If recovery is not possible, a fault is suspected.
			Start-up information check error: Excessive size for input	<ul style="list-style-type: none"> On the V-SFT-5 editor, select [System Setting] → [Device Connection Setting]. In the [Input/Output Word Counts Setting] tab window, enter the desired value of up to 128 words for [Input Range]. Then turn on the power again.
			Start-up information check error: Excessive size for output	<ul style="list-style-type: none"> On the V-SFT-5 editor, select [System Setting] → [Device Connection Setting]. In the [Input/Output Word Counts Setting] tab window, enter the desired value of up to 128 words for [Output Range]. Then turn on the power again.
BUS OFF Error	● Green	● Red	<ul style="list-style-type: none"> The communication cable is short-circuited at start-up. The baud rate does not match the setting for the master. 	<ul style="list-style-type: none"> Check the wiring and turn on the power again. Make the baud rate (using DIP switch 7 and 8) the same as set for the master on "CU-07" and turn on the power again.
Node Address Duplication Error	● Green	● Red	The same node address is already used for the master or some other slave.	<ul style="list-style-type: none"> Check the node address and correct it to an address which is not used yet (using DIP switch 1 to 6) on "CU-07". Then turn on the power again.
Network Error	● Green	○	The network power is off.	<ul style="list-style-type: none"> Turn on the network power supply.
			No other devices exist on the network.	<ul style="list-style-type: none"> Check the wiring and turn on the power again. Make the baud rate (using DIP switch 7 and 8) the same as set for the master on "CU-07" and turn on the power again.
		◎ Red	I/O time-out: Communication with the master has become disabled.	<ul style="list-style-type: none"> Check the conditions of the master power supply. Check the wiring.
		◎ Green	No connection exists.	<ul style="list-style-type: none"> Check the wiring.
Definition Error	–	–	The returned error code is not supported by the DeviceNet.	Review the settings below: <ul style="list-style-type: none"> Master setting CU-07 setting V-SFT-5 setting Wiring

* Depending on the errors detected, turning on the power again may be necessary on the master as well as on the V8 series.

Data Loading

If an error is detected on the screen data in the RUN mode, the following messages are displayed on the V8 series.



Error Messages	Contents	Solution
Screen No. Error	There is no setting for the received screen.	At the start of communications, the V8 series regards the value in the read area "n + 2" as the screen number. Check that this value is an existing screen number on the controller.
Error : XX (XX : XXX)	There is an error in the created screen data.	<p>According to the item number and the sub-item number displayed on the V8 series, find the edited screen where the error occurs. Check the contents of the error (error number) and remove the error.</p> <p>Error : <u>XX</u> (<u>XX</u> : <u>XXX</u>)</p> <p style="margin-left: 100px;">└── Sub-item No. └── Item No. └── Error No.</p>

Error Numbers

Error No.

- * Error numbers with "*" do not occur under ordinary circumstances. If any of these errors are displayed, contact your local distributor.

Error No.	Problem	Solution
3	Data version does not match the MONITOUCH system program version.	Transfer the MONITOUCH system program from Editor. If not corrected, check the Editor version and the system program version of the V8 series, and contact your local distributor.
10	The communications board does not match the I/F driver.	The I/F board does not match the I/F driver. Check the I/F driver and transfer data again.
11	The PLC model set in the screen data does not match the I/F driver.	Check the PLC model and transfer the I/F driver again.
12	The I/F driver version does not match the version of screen data.	Check the Editor version and the I/F driver version, and contact your local distributor.
13	The I/F driver version does not match the version of the MONITOUCH system program.	Check the I/F driver version and the system program (SYSTEM PROG.) version of the V8 series, and contact your local distributor.
15	The display language on MONITOUCH does not match the language set in the screen data.	Check the MONITOUCH model and the language used for the created data.

Error No.	Problem	Solution
17	The network I/O number exceeds the usable number range.	Set a number within the usable range.
19	An I/F driver that MONITOUCH does not support is transferred.	Transfer the correct I/F driver.
20	The maximum capacity of the buffering area has been exceeded.	Data capacity to be saved in DRAM at the primary storage target (buffering area setting) has exceeded the maximum available capacity. Reduce the number set for [No. of Samples].
22	The buffer number specified for trend or alarm item has not been set.	Set the buffer number in the [Buffering Area Setting] dialog from the [System Setting] menu.
23*	Memory card file No. error	Contact your local distributor.
24	The output file number in the buffering area setting is not unique or [Buffering File] is not set for the memory card setting.	When [Secondary storage target: Memory Card] is selected in the buffering area setting, the output file number can be set. However, the set output file number already exists. As another possibility, [Type: Buffering File] is not set in the [Memory Card Setting] dialog though [Secondary storage target: Memory Card] is selected. Check the output file number in the [Buffering Area Setting] dialog, and set correctly. If not successful, check the setting in the [Memory Card Setting] dialog.
25	The number of sampled words in the buffering area setting is exceeded.	Check the value set for [Word Count] in the [Buffering Area Setting] dialog. Bit Synchronization, Constant Sampling, Alarm Logging, Device Memory Map: 128 words maximum Alarm Tracking, Time Order Alarming: 1024 words maximum
26	The trend and alarm items that refer to the buffering area are too many.	The items that refer to the buffering area are too many on one screen (16 items maximum). Reduce the number of trend/alarm items placed on the screen.
27*	There is an error in the buffering area setting.	Contact your local distributor.
28	The same function is set for both MJ1 and MJ2 ports.	Check the setting in the [Device Connection Setting] dialog and set correctly.
29	The memory capacity is insufficient.	Decrease the value set for [No. of Samples] for DRAM at the primary storage target (buffering area setting). Reduce the value set for [Word Count] for an alarm item. Delete the following settings if not necessary. - Multi-link/Multi-link2 - Ladder monitor - Connection devices not used If not corrected, contact your local distributor.
30	The number of registered items is too many.	Reduce the number of items.
31	The memory capacity for the registered items is insufficient.	Take the following action for the relevant screen. Reduce the value set for [Word Count] for time order alarming. Reduce the value set for [Word Count] for alarm tracking. Reduce the value set for [Executing Relays] for bit order alarming. Reduce the number of items placed on the screen.
32	The number of items that uses the memory exceeds the available number.	Reduce the number of items.

Error No.	Problem	Solution
33	The maximum settable number of switches and lamps has been exceeded.	The number of switches and lamps placed on the screen has exceeded 1024. Switches and lamps on overlap displays are included in this number. Reduce the number of switches and lamps.
34	The items that occupy the memory area exceed the available work memory capacity.	Reduce the amount of data.
35*	Variable length data error	Contact your local distributor.
36*	ITEM error	
37*	Component ITEM error	
38*	Component error	
40*	Group byte count error	
41*	Recognition flag error	
42*	Function ITEM error	
43*	Function ITEM end error	
44*	Group ITEM end error	
46	An unavailable memory address is set or the available memory range is exceeded.	Check the memory setting.
47	IDs of the items in screen library with setting limitations are duplicate on a screen.	Check the IDs and keep them unique.
48	The network table number set for Ethernet local port IP address is the same as the network table number of the PLC.	Check and set the network table number again.
49*	Group ITEM error	Contact your local distributor.
50*	Link ITEM error	
51*	Editor ITEM error	
52	The overlap ID is illegal and must be a value from "0" to "2".	Check the overlap ID and set correctly.
53	In the call-overlap setting, an overlap library number with no data registration is specified.	Specify an overlap library number registered on the multi-overlap edit window.
54	Overlap displays occupy too much memory capacity.	Reset the overlap display data size.
55*	Multi-overlap header error	Contact your local distributor.
56*	Graphic undefined command error	
57*	Graphic ITEM error	
58*	Graphic execution error	
59*	Switch function error	
60	Switch operating area error	Reset the switch operating area.
61*	Statistic graph % display No. over	Contact your local distributor.
62*	Multi data over	
63	The selection order number of data blocks (a maximum of four) is duplicated.	Check the data block selection order number and set correctly.
64*	Data display element No. error	Contact your local distributor.
65	The scale or graph is not set correctly in the settings for trend graph or trend sampling.	Correct the settings for [Scale Max. Value] and [Scale Min. Value] or [Graph Max. Value] and [Graph Min. Value] in the dialog.
66*	Internal circle radius is "0".	Contact your local distributor.
67*	The number of X-axis data points is equal to or less than zero.	

Error No.	Problem	Solution
68	The display area is insufficient for the area (lines) that is displayed by one bit (bit order alarming).	Check the [No. of Lines per Relay] in the [Bit Order Alarming] dialog and enlarge the display area if necessary.
69	A pattern or frame larger than the screen size has been specified.	Re-set the pattern or frame.
70	The number of columns or lines of data sheet is exceeded.	Check the data sheet columns/lines, and set correctly.
71	The maximum part size in the closed area graph has been exceeded.	The part size in the closed area graph has exceeded 64 kB. Reduce the data size of the parts.
72	The setting for real time printing of alarm logging has exceeded the upper limit, or the specified buffer number is not unique.	There are four or more alarm logging parts with [<input checked="" type="checkbox"/> Real Time Print]. As another possibility, there are two or more alarm logging parts with the same [Buffer No.] with [<input checked="" type="checkbox"/> Real Time Print]. Make the setting for [<input checked="" type="checkbox"/> Real Time Print] within the limit. If not solved, check the Editor version and the system program (SYSTEM PROG.) version of the V8 series, and contact your local distributor.
73	There are four or more video items on one screen. (including the screen library)	Check the number of video items and reduce the number.
74	Animation item is placed other than the base screen (screen library, etc.).	Place the animation item on the base screen.
75	The screen data type is not consistent.	Transfer the system program of the V8 series from Editor.
76	The number of executing relays for bit order alarming is exceeded.	Check the value set for [Executing Relays]. Universal serial: 4096 maximum Other PLCs: 512 maximum
77*	Expanded graphic ITEM error	Contact your local distributor.
78*	Expanded function ITEM error	
79	Component parts occupy too much memory capacity.	Reduce the number of component parts.
80*	Macro: Undefined command error	Contact your local distributor.
81	Macro: The numbers of FOR and NEXT commands are not the same. FOR-NEXT commands are nested beyond 8 levels.	Correct the FOR-NEXT commands.
82	Macro: There are two different commands for the same label number.	Macro: Re-set the label.
83	Macro: There is no destination label for the jump.	Macro: Change or set the destination label.
84*	Macro: Illegal memory use	Change the macro command.
85*	Macro: Undefined system call	Contact your local distributor.
90	A screen library that is not registered is used.	Check the screen library number.
91	Bitmap data for switch or lamp is not registered.	Check the following points: No bitmap name is designated. The total count of 3D parts exceeds 1023 (maximum). The part size is too large. There is no bitmap in the PARTS folder.
92*	Multi-language initial display string No. error	Contact your local distributor.
94	Multi-language selection string number error	
95	MR400 format table setting: String code error	There is an illegal code after "\n" in the string.
96	MR400 format table setting: String size error	The total size of the string is too large.
97	Multi-language font setting error	Transfer the first language font or screen data again.

Error No.	Problem	Solution
99	Registration items occupy too much memory capacity.	Reduce the number of registration items.
100	Universal serial: GD-80 compatible entry mode is set.	Uncheck [GD-80 Compatible] in entry mode.
101	Universal serial: System memory setting error	Check whether or not access to the outside the specified memory is attempted, such as for macro indirect designation.
102*	Connection mode setting error	Contact your local distributor.
103*	Network I/O size setting error	
104*	Network table setting error	
120	Multi-link2 is not selected for modular jack 1 or 2.	Check the connection port setting in the [Multi-link2] dialog.
121	Multi-link2 port number error. The local port or the total number of ports is out of the range of 1 to 4.	The value for [Local Port No.] or [Total] in the [Multi-link2] dialog is out of the range of 1 to 4. Set the value of [Local Port No.] or [Total] within the range of 1 to 4.
122	Multi-link program is not registered.	Transfer the multi-link program.
123	Multi-link2 program is not registered.	
127	MONITOUCH does not support the remote desktop window display.	Check whether MONITOUCH is a model that supports the remote desktop window display. If not, remove the setting.
128	No key code for the remote desktop window display is registered in MONITOUCH. Version 5.4.13.0 or earlier (SYSTEM PROG version 1.560)	Register the license key code for remote desktop window display on the Main Menu screen.
129	No remote desktop window display program is registered in MONITOUCH.	Update the V-SFT version and resend the screen data to MONITOUCH. For data transfer to a CF card, you need to rewrite the data to the CF card via the CF card manager.
130*	Ethernet: Network byte error	Contact your local distributor.
131	Ethernet: The local port is not set in the table.	Check the port number on the Main Menu screen of MONITOUCH, and check that the local port is set on the network table edit window.
132	Ethernet: The network table is not found or is not the right one.	Set [PLC Table] ([Device Connection Setting] → [Target Settings]).
133	Ethernet: IP address No. error	Check the IP address in the network table edit window or in the PLC table.
134	Ethernet: Port No. error	Check the port number in the network table edit window or in the PLC table.
135	FL-net: FL-net data error	Check the setting for [FL-Net] in the [Communication Parameters] dialog.
136	IP address setting error: The network table number selected for local port IP address is not registered.	Check the network table number.
137	The Ethernet port number of the I/F driver is not unique.	Set an unique port number for the I/F driver.
138	The remote desktop table is not registered.	Register the remote desktop table with the specified number.
139	The remote desktop table is not set correctly.	Check the remote desktop table settings again. (Check, for example, whether an unregistered remote desktop table number is specified.)
140	The I/F driver version of MONITOUCH does not match the version of the MONITOUCH system program.	Check that the MONITOUCH system program (SYSTEM PROG.) version is compatible with the device connected, and if necessary, update the system program version.
141*	Multi-link 2 connection is set.	Contact your local distributor.

Error No.	Problem	Solution
142	I/F driver not registered	Transfer the I/F driver. Check the memory of the item.
143	Device memory maps in the buffering area setting are not set.	Check the device memory map setting, and set correctly.
145	The setting number of a device memory map in the buffering area setting is not unique.	Check that each device memory map number is unique in the buffering area setting, and set correctly.
146*	Device memory map memory setting error	Contact your local distributor.
150	Ladder monitor program is not registered.	Transfer the ladder monitor program (.ldpA).
151	Ladder monitor program: Model setting error	Check the PLC model of the device connected, and transfer the screen data again.
152	Ladder monitor program: Unsupported language	Check the MONITOUCH model and the language used in the screen data, and set correctly.
155	FROM data unregistered	The "default.dtm" file is not transferred though <input checked="" type="checkbox"/> Use Internal Flash ROM as Back-up Area is checked in the [General Settings] dialog ([System Setting] → [Unit Setting]). As another possibility, no port number table is found though <input checked="" type="checkbox"/> Use Port Number Table is checked in the [Device Connection Setting]. When this item is checked, the screen data capacity of the Main Menu screen becomes 128 kB smaller than the case where it is not checked. Check the setting. If the capacity is not reduced, contact your local distributor.
156	"Backup area" and "port number table" cannot be used at the same time.	<input checked="" type="checkbox"/> Use Internal Flash ROM as Back-up Area is checked in the [General Settings] dialog ([System Setting] → [Unit Setting]), and at the same time <input checked="" type="checkbox"/> Use Port Number Table is checked in the [Communication Setting] tab window of [Device Connection Setting] dialog. It is not possible to use both functions at the same time. Uncheck either item, and transfer screen data again.
157	Some port numbers in the port number table are duplicate.	Be sure to set unique port numbers when the port number table is changed using the FROM_WR macro command.
158	The model set for ladder monitor program is not consistent with the one for ladder data.	Transfer the ladder data (.ldmA) of the correct model.
159	PLC ladder data is illegal.	Transfer the ladder data (.ldmA) again.
160	The SRAM area size exceeds the available range.	Check the SRAM/clock setting.
161	The SRAM area is not formatted.	Format the SRAM area on the SRAM/Clock screen that can be displayed from the Main Menu screen. Check that the battery voltage is not lowered.
162	Data in the SRAM area does not match the MONITOUCH system program version.	Check the MONITOUCH system program version, and contact your local distributor.
163	The SRAM/clock setting does not match the SRAM area format.	Format the SRAM area on the SRAM/Clock screen that can be displayed from the Main Menu screen.
164	The simulator program version does not match the version of the MONITOUCH system program.	Check the MONITOUCH system program version and the compatible simulator program versions.
165	Device memory map data is registered for a model that does not support device memory maps.	Delete the device memory map.

Error No.	Problem	Solution
166	The function set for the serial port is duplicated.	<p>Error : 166 (0 : x)</p> <p> └── Sub item number</p> <p>The sub item number shows; 0: CN1 1: MJ1 2: MJ2 Specify a unique function (Simulator, etc.) for each port.</p>
170	The ladder communication program is not found in MONITOUCH.	[Use Ladder Tool] is selected in the [Device Connection Setting] dialog, but no ladder communication program is found in the V8 series. When you do not execute ladder transfer, uncheck the box for [<input type="checkbox"/> Use Ladder Tool]. When performing ladder transfer, transfer the ladder communication program to MONITOUCH.
171	The PLC model set for screen data does not match the model of the ladder communication program.	Transfer the ladder communication program for the PLC model.
172	The ladder communication program is stored in MONITOUCH.	[Use Ladder Tool] is not selected in the [Device Connection Setting] dialog; however, the ladder communication program is stored in MONITOUCH. Check the box for [Use Ladder Tool].
173	[Use Ladder Tool] is selected in the [Device Connection Setting] dialog; however, the connection mode other than "1:1" is selected for [Connection Mode].	Ladder transfer supports "1:1" connection only. When you do not execute ladder transfer, uncheck the box for [<input type="checkbox"/> Use Ladder Tool]. When executing ladder transfer, select "1:1" for [Connection Mode] in the [Communication Setting] tab window.
174	The I/F driver that does not support ladder communication is set.	Check that the I/F driver supports ladder communication.
175	(V808CH only) MONITOUCH does not support the ladder communication.	Check the ladder communication setting.
183	The printer model is not right.	Transfer the printer driver for the model that is set for screen data.
184	Printer driver is not found.	Transfer the printer driver.
185	(V806 only) No option unit is installed.	Check the option unit setting in the [Edit Model Selection] dialog ([System Setting] → [Edit Model Selection]). Install the option unit DU-01.
186	(V806 only) No option unit is installed.	Remove the option unit DU-10 once and install it again.
187	Check that the device memory map number specified in the buffering area setting is used for periodical writing or synchronized writing.	Check the data in the device memory map.
188	In the device memory maps specified for periodical writing or synchronized writing, the same memory address is specified.	Check the data in the device memory map.
189	The Japanese conversion program is not registered in MONITOUCH.	Transfer the Japanese conversion program.
192*	I/F driver setting error	Contact your local distributor.
193*	The common data sheet setting is not registered.	
194*	The memory card setting is not registered.	
195*	VIO input/output memory is not registered.	

Error No.	Problem	Solution
196	The data stored on the CF card is not correct.	This error may be relevant to the operation of storing on CF card (data of screen, 3D parts, etc.). Use a CF card, on which data is stored correctly via the CF card manager.
197	(V808CH only) The TB2 is the port dedicated to RS-232C.	Check the port set in the screen data.
198	(V808CH only) The TB3 is the port dedicated to RS-422 or RS-485.	Check the port set in the screen data.
199	Multiple functions are allocated to the USB port.	Multiple functions are allocated to the USB-B port. Use the USB port for only one of USB simulator, PictBridge printer, and USB ladder communication.
201*	Total byte count error	Contact your local distributor.
202	The touch switch setting is not right.	Select the touch switch type appropriate for the MONITOUCH model.
203	The memo pad function not available with matrix switch type is found.	Delete the item (= memo pad).
204	Manual setting type font data is not transferred.	Manual setting type font data is not transferred. Characters in automatic setting type font are displayed correctly; however, if not in automatic setting type font, they are displayed in 12 points tentatively. Check the setting in the [Manual Font Setting] dialog, and transfer the screen data again.
206	No sound unit is installed.	Install option unit "GU-xx".
207	No video unit is installed.	Install option unit "GU-00" or "GU-10".
208	There is no gateway setting.	To use the e-mail function, be sure to set gateway on the network table (Ethernet).
209	PLC ladder data is not registered.	Transfer the ladder data (.ldmA).
214	No key code for the remote desktop window display is registered in MONITOUCH. Version 5.4.14.0 or later (SYSTEM PROG version 1.570)	Register the license key code for remote desktop window display on the Main Menu screen.
215	The SRAM area is used. Connect the battery.	Although the use of SRAM is set in the [SRAM/Clock Setting] dialog, no battery is connected. Connect the optional battery (V7-BT) to the back of MONITOUCH.
216	A data sheet includes an item that cannot be printed.	Recheck the data sheet screen. Remove the unusable item.

Item numbers

The item number shows the editing screen or other place where the error is detected.

- 0 : Header
- 1 : Network table
- 2 : Buffering area
- 3 : Barcode
- 4 : Memory card
- 5 : External character 16
- 6 : External character 32
- 7 : Message group
- 8 : Dot pattern
- 9 : Graphic library
- 10 : Page block
- 11 : Direct block
- 12 : Screen block

- 13 : Macro block
- 14 : Data block
- 15 : Data sheet page
- 16 : Multi-overlap
- 17 : Screen
- 18 : Function switch
- 19 : Screen library
- 20 : Expansion data
- 21 : Device memory map
- 22 : Expanded font
- 23 : Alarm mask data
- 24 : SRAM
- 25 : Bitmap area
- 26 : CF attribute table
- 27 : Print format
- 28 : Tag table
- 29 : Slave communication memory table
- 30 : WAV file table
- 31 : JPEG table
- 32 : Animation table
- 33 : Comment table
- 34 : Windows font table
- 35 : Windows font table (message)
- 36 : Windows font table (characters)
- 37 : Extended message, comment table
- 50 : I/F driver
- 52 : Remote desktop table
- 70 : No optional driver provided
- 90 : Error detection in RUN mode

Sub item numbers

The sub item number shows the number of the editing screen detecting the error.

- Buffering area: -1 = common item, 0 to 11 = buffer No.
- Message: Message group No.
- For graphic library, the library linear number is shown.
Graphic group No. \times 256 + No. in the group
- Device memory map: xyy (x = PLC1 to 8, yy = table No.)
- I/F driver: 1 to 8 = PLC1 to 8, 9 = simulator