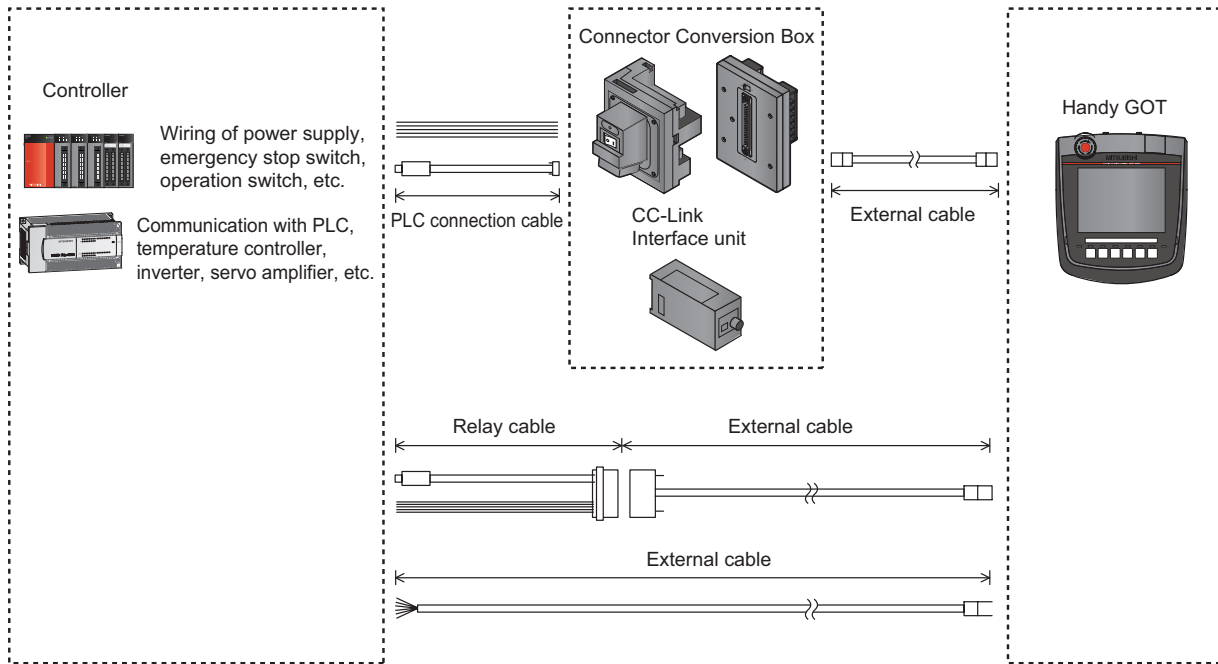


Handy GOT



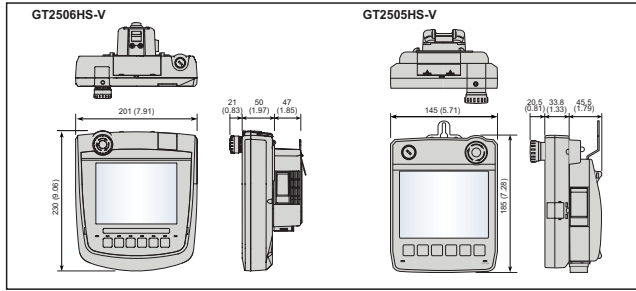
Handy GOT Base Units

Model Number	Screen Size (Resolution)	Display	Display Colors (Number of Colors)	Power Supply	Memory Size	Stocked Item	
GT25 Handy	GT2506HS-VTBD	6.5" VGA 640 x 480 dots	TFT color LCD	65,536 colors	24VDC	Memory for storage (ROM): 32MB	S
	GT2505HS-VTBD	5.7" VGA 640 x 480 dots				Memory for operation (RAM): 80MB	S

Handy GOT Power Supply Specifications

Model Number	GT2506HS-VTBD	GT2505HS-VTBD
Input Power Supply Voltage	24 VDC (+10%, -15%)	
Power Consumption	Power Consumption	11.6W or less
	With Backlight Off	8.2W (340mA/24V)
Inrush Current	30A or less (2 ms, ambient temperature: 25°C, under the maximum load)	
Permissible Instantaneous Failure Time	Within 5ms	
Noise Resistance	Noise voltage: 1000Vp-p, Noise width: 1μs (by noise simulator of 30 to 100Hz noise frequency)	
Withstand Voltage	500 VAC for 1 minute (across power supply terminals and earth)	
Insulation Resistance	500 VDC across power supply terminals and earth, 10MΩ or more by an insulation resistance tester	

Handy GOT Dimensions



Handy GOT Performance Specifications

Model Number	GT2506HS-VTBD		GT2505HS-VTBD
Display (*1, *2)	Display Device	TFT color LCD	
	Screen Size	6.5"	5.7"
	Resolution (Dots)	VGA: 640 x 480	
	Display Size (W x H) mm (in)	132.5 x 99.4 (5.22 x 3.91)	115.2 x 86.4 (4.54 x 3.4)
	Number of Display Characters	16-dot standard font: 40 characters 30 lines (two-byte characters) 12-dot standard font: 53 characters 40 lines (two-byte characters)	
	Display Color	65536 colors	
	Brightness Adjustment	32 levels	
Backlight	Backlight Life (*4)	Approx. 40000 h (operating ambient temperature: 25°C, display intensity: 50%)	Approx. 60000 h (operating ambient temperature: 25 °C, display intensity: 50%)
	Backlight	LED (Not replaceable)	
Touch Panel (*3)	Type	Analog resistive film	
	Key Size (Dots)	Minimum 2 x 2 dots (per key) (*7)	
	Simultaneous Press	Not available(Only 1 point can be touched.) (*5)	
	Life	1 million times (operating force 0.98N max.)	
Switch	Operation Switch	6 switches (6 contacts/common); N/O contact, Maximum rating 10mA/24VDC, Life: 1,000,000 times	
	Grip Switch	1 switch (single wiring) (IDEC HE3B-M2PB). Enable switch (deadman switch) 3-position system of OFF ON OFF; 2 N/O contacts Maximum rating 1A/24VDC (resistance load), Maximum rating 0.3A/24VDC (induction load), Life: 100,000 times	
	Emergency Stop Switch	1 switch (single wiring) (IDEC XA1E-BV303R). 3 N/C contacts Maximum rating 1A/24VDC (resistance load), Maximum rating 0.3A/24VDC (induction load), Life: 100,000 times	
	Keylock Switch (2-Position)	1 switch (single wiring) (IDEC AS6M-2KT1PB). 2-notch type (Manual stop at each position/A key can be inserted and removed on only the left side. On the right side, a key cannot be removed. Two keys are provided.) 2-position, Maximum rating 1A/24VDC (resistance load), Maximum rating 0.3A/24VDC (induction load), Life: 100,000 times	
LED	Power LED	2 colors (blue and orange)	
Memory	User Memory Capacity	Memory for storage (ROM): 32MB Memory for operation (RAM): 80MB	
	Life (No. of Write Times)	100000 times	
Battery	Battery	GT15-BAT lithium battery	GT11-50BAT lithium battery
	Life	Approx. 5 years (Operating ambient temperature of 25°C)	
Built-in Interface	RS-232 (*9)	1 channel Transmission speed: 115200, 57600, 38400, 19200, 9600, 4800 bps; Connector shape: Square 42 pins (Male)	1 channel Transmission speed: 115200, 57600, 38400, 19200, 9600, 4800 bps; Connector shape: Round 32 pins (Male)
	RS-422/485 (*9)	1 channel Transmission speed: 115200, 57600, 38400, 19200, 9600, 4800 bps; Connector shape: Square 42 pins (Male)	1 channel Transmission speed: 115200, 57600, 38400, 19200, 9600, 4800 bps; Connector shape: Round 32 pins (Male)
	Ethernet	1 channel Data transfer method: 100BASE-TX, 10BASE-T; Connector shape: Square 42 pins (Male)	
	USB (Host)	1 channel (Top face) USB version: USB 2.0 (High-Speed 480 Mbps), Connector shape: USB-A	
	USB (Device)	1 channel (Top face); USB version: USB 2.0 (High-Speed 480 Mbps), Connector shape: USB Mini-B	
	SD Card	1 channel, SDHC compliant (maximum 32 GB)	
Built-in Clock Precision	±90 seconds/month (Ambient temperature: 25°C)		
Buzzer Output	Single tone (tone and tone length adjustable)		
Protective Construction	IP65F (*6,*8) (When an external cable is connected. The rating is not applied to the relay connector side of the external cable.)		
External Dimensions (W x H x D) mm (in)	201 x 230 x 97 (7.91 x 9.06 x 3.82) (Excluding projections such as the emergency stop switch)	145 x 185 x 79.3 (5.71 x 7.28 x 3.12) (Excluding projections such as the emergency stop switch)	
Weight (Excludes Fitting) kg (lb)	1.2 (2.6) (GOT main unit only)	0.79 (1.7) (GOT main unit only)	
Applicable Software Package	GT Works3 Version 1.170C or later		GT Works3 Version 1.195D or later

Notes

- As a characteristic of liquid crystal display panels, bright dots (always lit) and dark dots (never lit) may appear on the panel. Since liquid crystal display panels comprise a great number of display elements, the appearance of bright and dark dots cannot be reduced to zero. Individual differences in liquid crystal display panels may cause differences in color, uneven brightness and flickering. Note that these phenomena are characteristics of liquid crystal display panels and it does not mean the products are defective or damaged.
- Flickering may occur due to vibration, shock, or the display colors.
- When a stylus is used, the touch panel has a life of 100 thousand touches. The stylus must satisfy the following specifications.
 - Material: Polyacetal resin
 - Tip radius: 0.8 mm or more
- To prevent the display section from burning in and lengthen the backlight life, enable the screen save function and turn off the backlight.
- If you touch two points or more simultaneously on the touch panel, a touch switch near the touched points may operate unexpectedly. Do not touch two points or more simultaneously on the touch panel.
- Note that the structure does not guarantee protection in all users' environments. The rating is not applied when the interface environment protection cover or the environmental protection back cover is removed. The GOT may not be used in an environment where the GOT is exposed to oil or chemicals for a long time, or where oil mist fills the air.
- The minimum size of a key that can be arranged. To ensure safe use of the product, the following settings are recommended.
 - Key size: 16 x 16 dots or larger
 - Distance between keys: 16 dots or more
- The suffix "F" of IP65F is a symbol that indicates protection rate against oil. It is described in the Appendix of Japanese Industrial Standard JIS C 0920.
- Select RS-422/485 or RS-232. Factory default: RS-422/485

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Handy GOT Dedicated Cables and Accessories

Product Name	Model Number	Cable Length	Application	Applicable Model		Stock Item	
				GT2506HS	GT2505HS		
External Connection Cable	FA Device, Power Supply and Operation Switch Connection Cable	GT16H-C30-42P	3m	For connecting GOT and Connector Conversion Box (GT16H-CNB-42S)	X	-	S
		GT16H-C60-42P	6m		X	-	S
		GT16H-C100-42P	10m		X	-	S
		GT14H-C30-42P	3m	For connecting GOT and Connector Conversion Box (GT16H-CNB-42S)	-	X	S
		GT14H-C60-42P	6m		-	X	S
		GT14H-C100-42P	10m		-	X	S
		GT11H-C30-37P	3m	External cable (for connecting GOT and Connector conversion box, and for connecting GOT and Relay cable) Connector Conversion Box: GT11H-CNB-37S or GT16H-CNB-37S	-	X	S
		GT11H-C60-37P	6m		-	X	S
		GT11H-C100-37P	10m		-	X	S
		GT11H-C30	3m	For connection between FA device, power supply and operation switches and GOT	-	X	-
GT11H-C60	6m	-	X		-		
GT11H-C100	10m	-	X		S		
FA Device Connection Relay Cable	RS-422, Power Supply and Operation Switch Connection Cable	GT11H-C15R4-8P	1.5m	For connection between FXCPU and GOT For connection between power supply and operation switches and GOT	-	X	S
		GT11H-C15R4-25P	1.5m	For connection between A/QnACPU and GOT For connection between power supply and operation switches and GOT	-	X	S
	RS-232, Power Supply and Operation Switch Connection Cable	GT11H-C15R2-6P	1.5m	For connection between QCPU and GOT For connection between power supply and operation switches and GOT	-	X	S
Connector Conversion Box for Handy GOT	GT16H-CNB-42S	-	Box for converting 42-pin connectors into terminal blocks, D-Sub 9pin connectors, or Ethernet RJ-45 connectors	X	X	S	
	GT16H-CNB-37S	-	Box for converting D-Sub 37pin connectors into terminal blocks or Ethernet RJ-45 connectors	X	X	S	
	GT11H-CNB-37S	-	Box for converting D-Sub 37pin connectors into terminal blocks or D-Sub 9pin connectors	-	X	S	
Protective Sheet	GT16H-60PSC	-	Protective sheet (clear, 5 sheets)	X	-	S	
	GT14H-50PSC	-		-	X	S	
Emergency Stop Switch Guard	GT16H-60ESCOV	-	For misoperation prevention of emergency stop switch	X	-	S	
	GT14H-50ESCOV	-		-	X	S	

Screen Configuration Software and GOT Licenses

GOT Screen Design Software

Screens for both GOT2000 and GOT1000 Series operator terminals are created using the GT Designer3, part of the GT Works3 suite of software products for GOTs. GT Designer3 provides an intuitive screen design environment that offers many features to make designing professional screens and projects for GOTs simple and efficient. The other titles included in GT Works3 provide additional resources to provide the ability to perform simulation, PC based operation, and convert projects created for legacy products and documents to be imported.

Product Name	Model Number	Description	Language	Included Software Titles	Stocked Item
GT Works3	GT-WORKS3-C1	GT Works3 1 User License Software Suite	English	GT Designer3 (GOT2000), GT Designer3 (GOT1000), GT Simulator3, GT Converter2, GT SoftGOT, Document Converter, GT SoftGOT2000/1000 (*1), GT SoftGOT2000/1000 Commander (*1), GT Designer2 Classic	S
	GT-WORKS3-C5	GT Works3 5 User License Software Suite			S
	GT-WORKS3-C10	GT Works3 10 User License Software Suite			-
	GT-WORKS3-UN	GT Works3 Unlimited User License Software Suite			-
	GT-WORKS3-OEM	GT Works3 OEM User License Software Suite			-
GT Works Text to Speech License	SW1DND-GTVO-M	GT Works Text to Speech License - 1 User	English and 5 other languages	N/A	S

Note 1: To use GT SoftGOT2000 or GT SoftGOT1000, a license key is necessary for each personal computer.