



GENERAL-PURPOSE
GRAPHIC OPERATION TERMINAL

1998 No.98E

NEW PRODUCT RELEASE

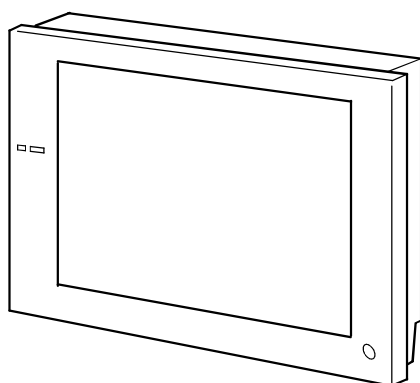
GOT-A900 Series A985GOT-TBA/TBD Graphic Operation Terminal

New!

**Industry
First**

Introducing a high luminance 12.1 inch display having the industry's smallest installation size and provided with an energy conservation function!

A985GOT (12.1 inch)



[Features]

- 1) Industry's first energy conservation function (Operator detection sensor) mounted**
The energy conservation function (operator detect sensor) detects operator and turns the backlight ON and OFF automatically. This allows the life of the backlight to be greatly extended to 40,000 hours, and practically eliminates the need for maintenance.
- 2) Built-in CRT interface**
The same screen as the GOT display screen can be displayed on the CRT. Displays on large screens are now possible.
- 3) Industry's smallest panel cut and industry's thinnest depth in panel**
The panel cut dimensions are the same as the GP70 Series 10.4 inch type. This is the industry's smallest dimensions for a 12.1 inch type. The depth in the panel is also the thinnest in the industry.
- 4) Incorporation of 350 candela high luminance (adjustable in 8 stages) TFT color.**
- 5) Powerful multimedia functions (Audio output support and 256 color display)**

[Performance specifications]

Item		A985GOT-TBA/A985GOT-TBD
Display section	Type	High luminance TFT color liquid crystal
	Resolution [dots]	800 × 600
	Display size [mm] (inch)	246 (9.69) × 184.5 (7.26)
	Display color [color]	256
Backlight		Cold cathode fluorescent tube backlight (Backlight OFF/screen saving time/operator detect sensor setting allowed)
Touch panel	Number of touch keys [points]	1900 (38 lines × 50 columns)
	Key size [dots]	Minimum 16 × 16 (per key) (8 × 16 only for bottom line)
Operator detect sensor	Detection length [m] (inch)	1 (39.37)
	Detection range	70° in both horizontal and vertical directions
	Detection delay time [sec.]	0 to 4
CRT interface		For CRT connection, SVGA 1 channel
Life	Display section [Hr]	5,0000 (Operating ambient temperature: 25°C)
	Backlight [Hr]	40,000 (Time when display luminance reaches 50% at the operating ambient temperature of 25°C)
	Touch key	1 million times or more (operating force 10N max.)
	Built-in memory	Number of write times: 100,000 times
Environmental protective structure		Equivalent to IP65F (front section)
Outline dimensions [mm] (inch)		297 (11.7) (W) × 208 (8.2) (H) × 46 (1.81) (D)
Panel cutting dimensions [mm] (inch)		302 (11.89) (W) × 228 (8.98) (H)
Compatible software package		SW1D5C-GOTRE-PACK (Version C and above)

- * The other performance specifications are the same as the 100VAC to 240VAC products.
- * The UL Standards product is scheduled to be marketed in the near future.
- * The SW1D5C-GOTRE-PACK version C and above is required for using the A985GOT.

The Mitsubishi general-purpose programmable controller is manufactured at a factory certified for the environment management system standards (ISO14001) and the quality system standards (ISO9001)



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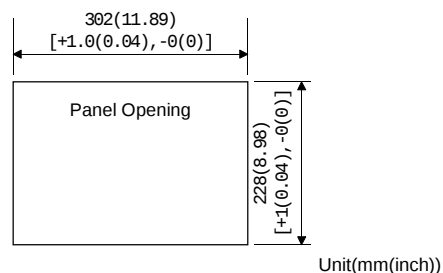


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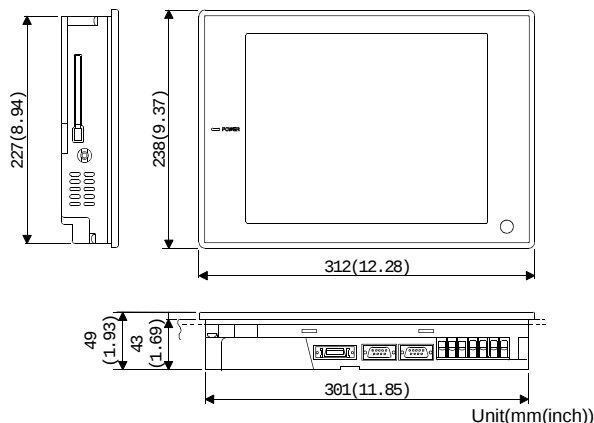
[Power supply Specifications]

Item	A985GOT-TBA	A985GOT-TBD
Input power supply voltage	100AC to 240V (+10%, -15%)	24VDC (+25%, -20%)
Input frequency [Hz]	50/60 ± 3	—
Input max. apparent power	115VA	—
Input max. power	—	40W
Inrush current	40Ap max. (264VAC, max. load)	61Ap max. (30VDC, max. load)
Permissible instantaneous power failure time	20ms (100VAC or more)	1ms (19.2VDC or more)
Noise immunity	By noise simulator of 1,500Vp-p noise voltage, 1μs noise width and 25 to 60Hz noise frequency	By noise simulator of 500Vp-p noise voltage, 1μs noise width and 25 to 60Hz noise frequency
Dielectric withstand voltage	1500VAC for 1 minute across AC external terminals and earth	500VAC for 1 minute across DC external terminals and earth
Insulation resistance	10MΩ or larger by insulation resistance tester	
Applicable wire size	0.75 to 2mm ²	
Applicable solderless terminal	RAV1.25-3, V2-S3.3, V2-N3A, FV2-N3A	
Applicable tightening torque	58.8 to 88.2N · cm (6 to 9kgf·cm) (6.5 to 7.8 lb·inch)	

[Panel cutting dimensions]



[Outline dimensions]



* The specifications are subject to change without notice.

[Manuals]

Manual name	Manual shipment type	IB/SH No.
A985GOT Graphic Operation Terminal User's Manual (Hardware)	Enclosed with product	IB-80019
GOT-A900 Series User's Manual	To be purchased separately	SH-4005

U.S.A	Mitsubishi Electric Automation Inc. 500 Corporate Woods Parkway Vernon Hills, IL 60061	Tel : 1-847-478-2100 FAX: 1-847-478-0328
Brazil	MELCO-TEC Rep. Com.e Assessoria Tecnica Ltda. Av. Rio Branco, 123-15 ,and S/1507, Rio de Janeiro, RJ CEP 20040-005, Brazil	Tel : 55-21-221-8343 FAX: 55-21-221-9388
U.K	Mitsubishi Electric Europe B.V. UK Branch Travellers Lane, Hatfield, Herts., AL10 8XB,UK	Tel : 44-1707-276100 FAX: 44-1707-278695
Germany	Mitsubishi Electric Europe B.V. German Branch Gothaer Strasse 8 D-40880 Ratingen, GERMANY	Tel : 49-2102-486-0 FAX: 49-2102-486-717
South Africa	MSA Manufacturing (Pty) Ltd. P O Box 39733 Bramley 201 8 Johannesburg, South Africa	Tel : 27-11-444-8080 FAX: 27-11-444-8304
India	Messung Systems Put,Ltd. Electronic Sadan NO:111 Unit No15, M.I.D.C BHOSARI,PUNE-411026	Tel : 91-212-793130 FAX: 91-212-798108
Singapore	Mitsubishi Electric Asia Pte, Ltd. 307 ALEXANDRA ROAD #05-01/02, MITSUBISHI ELECTRIC BUILDING SINGAPORE 159943	Tel : 65-470-2480 FAX: 65-476-7439
Indonesia	P.T. Autoteknindo SUMBER MAKMUR Kompleks Agung Sedayu Propertindo (Harco Mangga Dua) Blok H No.4 Jl Mangga Dua Raya Jakarta Pusat 10730-Indonesia.	Tel : 62-21-336292 FAX: 62-21-330378
Thailand	F. A. Tech Co.,Ltd. 1138/33-34 Rama 3 Road, Yannawa, Bangkok 10120, Thailand	Tel : 66-2-295-2861 FAX: 66-2-295-2865
Hong Kong	Ryoden International Ltd. 10th Floor, Manulife Tower, 169 Electric Road, North Point, HongKong	Tel : 852-2887-8870 FAX: 852-2887-7984
China	Ryoden International Shanghai Ltd. 3F Block5 Building Automation Instrumentation Plaza 103 Cao Bao Rd. Shanghai 200233 China	Tel : 86-21-6475-3228 FAX: 86-21-6484-6996
Taiwan	Setsuyo Enterprise Co., Ltd. 6F., No.105 Wu-Kung 3rd.RD, Wu-Ku Hsiang, Taipei Hsine, Taiwan R.O.C.	Tel : 886-2-2299-2499 FAX: 886-2-2299-2509
Australia	Mitsubishi Electric Australia Pty. Ltd. 348 Victoria Road, PostalBag, No 2, Rydalmere, N.S.W 2116, Australia	Tel : 61-2-9684-7777 FAX: 61-2-9684-7245



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