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Find the *Mitsubishi GT1555-QSBD* at our website: ***Click HERE***

Product Information

EBG 155-UK

MITSUBISHI ELECTRIC
FACTORY AUTOMATION

GOT1000

Graphic Operation Terminals

More Perspective in the Automation

From data display to problem solution platform



SPEED UP — Powerful 64-bit RISC processor and high memory capacity means faster operation and clearer displays

IMPROVED COMMUNICATION — Easy access USB port for programming and maintenance

MORE FLEXIBILITY — Manifold possibilities for storing and transporting project data

SIMPLER OPERATION — Full iQ Platform integration possibility

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Clear vision



HMI's can help users see what is happening anywhere in their process, like in a PET production.



Mitsubishi GOTs help you to keep the look through

More than just an operation terminal

Mitsubishi Electric has once again set new standards in human machine communication with the new GOT1000 series of touch-screen operation terminals. Providing the features customers have been asking for was a top priority in the design of these units – combined with advanced technology and the experience drawn from a long history of HMI design. The result is products that will make work easier for programmers and service staff as well as operators.

Powerful technology

These new terminals don't just look good, they are also packed with many powerful features:

■ Expressive high-resolution screens

The high-resolution screens, with up to 65,536 colours, can display complex graphics, photos and even CAD drawings. User inputs are made by touching the screen (touch-screen).

■ High-speed processing

The 64-bit RISC processor used in the GOT1000 series is combined with a specially developed high-speed graphics processor. Together, they deliver impressive response and display drawing times.



Easy to use touch screen

■ USB port

Thanks to the integrated* USB port an easy data transfer is possible. This connection can also be used for programming and diagnostics with a MELSEC PLC or further automatization devices. With the units, where the port is located on the frontside (see table on the back for details), it is possible to transfer project data without opening the cabinet or control console. These ports come with a secure cover that maintains the IP67 protection rating.

*not for GT1020/1030

■ More flexibility with portable operation terminals

The GOT series range covers also portable versions (Handy GOTs), which allow a flexible usage of the operation terminal at the respective application.



Application directly at the machine

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Innovatives Design

The GOT1000 series' innovative error reporting system ensures fast troubleshooting and minimum downtime. Predefined screens provide direct access to the PLC's I/Os and even the buffer memory of special-function modules.





Brilliant colours in high resolution

Versatile and multi-lingual

■ Extended protocol support

In addition to the wide ranging support for Mitsubishi PLC's, frequency inverters and servo amplifiers, GOT1000 series can also be connected to an increasing range of automation products from other manufacturers. This enables users to start to built a common visualization strategy for their business.

■ Multi-language with Unicode 2.1

Support for Unicode 2.1 enables users to easily create multi-language displays. This can then help companies who export machines to sell and support their products globally.

■ Scripts for reduced PLC load

The processing load applied to the connected PLC CPU or other automation equipment can be reduced when the GOT processes scripts. These scripts are unique to the GOT and are similar to the C programming language. They allow programmers to use their favorite commercial editors to move some of the processing activities from the PLC into the GOT.

Improved screen design software



The GT Works software package from Mitsubishi Electric, which is part of the iQ Works software suite, is an extended suite of programming, control and visualisation tools with full support for the GOT family of terminals.

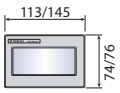
The main component is the user-friendly and intuitive GT Designer operation terminal management program. A comprehensive library of ready-to-use graphical objects and a large selection of fonts makes it easy to produce effective user screens. Furthermore, the integrated GT Simulator allows a quick and efficient set up process for all GOT terminals.

Also included is the GT-SoftGOT1000 software, which enables you to run GOTprojects on a PC without the GOT hardware – turning the PC into a powerful PC-based HMI system.

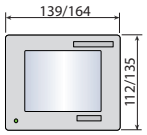
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Specifications ///

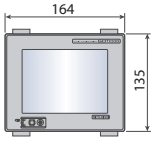
GOT-Serie		GT10 (14 models)	GT11 (5 models)	GT12 (4 models)	GT14 (4 models)	GT16 (19 models)
Display	type	STN	STN	TFT color LCD	STN, TFT	TFT
	type (Screen size)	3,7"/ 4,5"/4,7"/5,7"	5,7"	10,4"/8,4"	5,7"	6,5"–15"
	text	User definable	User definable	16-dot standard font: 40 chars. x 30 lines 12-dot standard font: 53 chars. x 40 lines	User definable	User definable
	max. resolution (pixle)	160x64/288x96/320x240	320x240	640x480	320x240	640x480–1024x768
Power supply		5 V DC/24 V DC	24 V DC	100–240 V AC	24 V DC	24 V DC/220 V AC
Memory capacity		512 KB/1,5 MB/3,0 MB	3 MB	6 MB	9 MB	15 MB (expandable up to 57 MB)
External memory card		—	1 (Compact-Flash, 2 GB max.)	1 (Compact-Flash, 2 GB max.)	1 (SD/SDHC)	1 (Compact-Flash)
Key type		Touch-panel	Touch-panel	Touch-panel	Touch-panel	Touch-panel
Function keys		Touch keys	Touch keys (+ 6 function keys for hand-held GOT)	Touch keys	Touch keys	Touch keys (+ 6 function keys for hand-held GOT)
Inter-faces	serial	2 x RS232, RS422/RS232 (modellabhängig)	RS232, RS422	RS232, RS422/485	RS232, RS422/485	RS232
	others	GT104□/GT105□: USB (back side)	USB (front)	USB (back side)	2 x USB (back side)	USB (front), USB host for memory stick
Networks capability		Serial (up to 16 GOTs connected to FX PLC/Q PLC/MODBUS RTU via Master-Unit)	Serial (up to 16 GOTs connected to FX PLC/Q PLC/MODBUS RTU via Master-Unit)	Ethernet (TCP/IP) Modbus TCP	Ethernet (TCP/IP), Modbus TCP	Ethernet (TCP/IP), CC-Link (IE), RS232, RS422, RS485, A-Bus, Q-Bus, MELSECNET/10/H, Modbus TCP
Protection (front)		IP67	IP67/IP65 (Handy GOTs)	IP67	IP67	IP67



GT1020/
GT1030

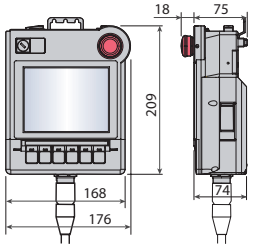


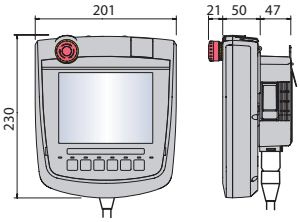
GT1040, GT1045/
GT1050, GT1055



GT1150, GT1155

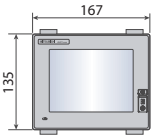
GT14
Handy
GOT



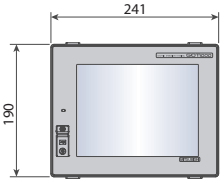


GT16 Handy GOT

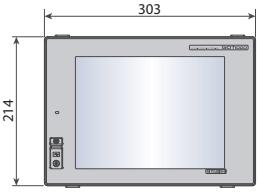
GT1450,
GT1455



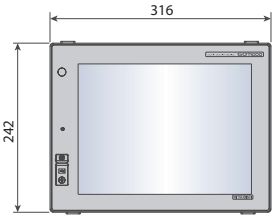
GT1262, GT1665



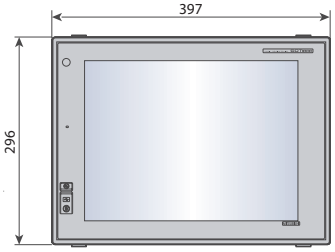
GT1275, GT1675



GT1685



GT1695



All dimensions in mm

EUROPEAN BRANCHES

MITSUBISHI ELECTRIC EUROPE B.V. **GERMANY**
Gothaer Straße 8
D-40880 Ratingen
Phone: +49 (0)2102 / 486-0

MITSUBISHI ELECTRIC EUROPE B.V.-org.sl. **CZECH REP.**
Radlická 714/113a
CZ-158 00 Praha 5
Phone: +420 - 251 551 470

MITSUBISHI ELECTRIC EUROPE B.V. **FRANCE**
25, Boulevard des Bouvets
F-92741 Nanterre Cedex
Phone: +33 (0)1 / 55 68 55 68

MITSUBISHI ELECTRIC EUROPE B.V. **ITALY**
Viale Colleoni 7
I-20041 Agrate Brianza (MB)
Phone: +39 039 / 60 53 1

MITSUBISHI ELECTRIC EUROPE B.V. **POLAND**
Krakowska 50
PL-32-083 Balice
Phone: +48 (0)12 / 630 47 00

MITSUBISHI ELECTRIC EUROPE B.V. **RUSSIA**
52, bld. 3 Kosmodamianskaya nab 8 floor
RU-115054 Moscow
Phone: +7 495 721-2070

MITSUBISHI ELECTRIC EUROPE B.V. **SPAIN**
Carretera de Rubí 76-80
E-08190 Sant Cugat del Vallés (Barcelona)
Phone: 902 131121 // +34 935653131

MITSUBISHI ELECTRIC EUROPE B.V. **UK**
Travellers Lane
UK-Hatfield, Herts. AL10 8XB
Phone: +44 (0)1707 / 27 61 00

EUROPEAN REPRESENTATIVES

GEVA **AUSTRIA**
Wiener Straße 89
AT-2500 Baden
Phone: +43 (0)2252 / 85 55 20

TECHNIKON **BELARUS**
Oktyabrskaya 19, Off. 705
BY-220030 Minsk
Phone: +375 (0)17 / 210 46 26

ESCO D & A **BELGIUM**
Culliganlaan 3
BE-1831 Diegem
Phone: +32 (0)2 / 717 64 30

Koning & Hartman b.v. **BELGIUM**
Woluwelaan 31
BE-1800 Vilvoorde
Phone: +32 (0)2 / 257 02 40

INEA RBT d.o.o. **BOSNIA AND HERZEG.**
Aleja Lipa 56
BA-71000 Sarajevo
Phone: +387 (0)33 / 921 164

AKHNATON **BULGARIA**
4, Andrei Ljapchev Blvd., PO Box 21
BG-1756 Sofia
Phone: +359 (0)2 / 817 6000

INEA RBT d.o.o. **CROATIA**
Losinjska 4 a
HR-10000 Zagreb
Phone: +385 (0)1 / 36 940 - 01/ -02/ -03

AutoCont C.S. s.r.o. **CZECH REPUBLIC**
Technologická 374/6
CZ-708 00 Ostrava-Pustkovec
Phone: +420 595 691 150

Beijer Electronics A/S **DENMARK**
Lykkegårdsvej 17
DK-4000 Roskilde
Phone: +45 (0)46/ 75 76 66

Beijer Electronics Eesti OÜ **ESTONIA**
Pärnu mnt.160i
EE-11317 Tallinn
Phone: +372 (0)6 / 51 81 40

Beijer Electronics OY **FINLAND**
Peltoie 37
FIN-28400 Ulvila
Phone: +358 (0)207 / 463 540

UTECO **GREECE**
5, Mavrogenous Str.
GR-18542 Piraeus
Phone: +30 211 / 1206 900

MELTRADE Kft. **HUNGARY**
Fertő utca 14.
HU-1107 Budapest
Phone: +36 (0)1 / 431-9726

TOO Kazpromavtomatika **KAZAKHSTAN**
Ul. Zhambyla 28
KAZ-100017 Karaganda
Phone: +7 7212 / 50 10 00

Beijer Electronics SIA **LATVIA**
Ritausmas iela 23
LV-1058 Riga
Phone: +371 (0)784 / 2280

Beijer Electronics UAB **LITHUANIA**
Savanoriu Pr. 187
LT-02300 Vilnius
Phone: +370 (0)5 / 232 3101

ALFATRADE Ltd. **MALTA**
99, Paola Hill
Malta - Paola PLA 1702
Phone: +356 (0)21 / 697 816

INTEHSIS srl **MOLDOVA**
bld. Traian 23/1
MD-2060 Kishinev
Phone: +373 (0)22 / 66 4242

HIFLEX AUTOM. B.V. **NETHERLANDS**
Wolweverstraat 22
NL-2984 CD Ridderkerk
Phone: +31 (0)180 – 46 60 04

Koning & Hartman b.v. **NETHERLANDS**
Haarlerbergweg 21-23
NL-1101 CH Amsterdam
Phone: +31 (0)20 / 587 76 00

Beijer Electronics AS **NORWAY**
Postboks 487
NO-3002 Drammen
Phone: +47 (0)32 / 24 30 00

Fonseca S.A. **PORTUGAL**
R. João Francisco do Casal 87/89
PT - 3801-997 Aveiro, Esgueira
Phone: +351 (0)234 / 303 900

Sirius Trading & Services **ROMANIA**
Aleea Lacul Morii Nr. 3
RO-060841 Bucuresti, Sector 6
Phone: +40 (0)21 / 430 40 06

INEA RBT d.o.o. **SERBIA**
Izletnicka 10
SER-113000 Smederevo
Phone: +381 (0)26 / 615 401

SIMAP s.r.o. **SLOVAKIA**
Jána Derku 1671
SK-911 01 Trenčín
Phone: +421 (0)32 743 04 72

PROCONT, spol. s r.o. Prešov **SLOVAKIA**
Kúpelná 1/A
SK-080 01 Prešov
Phone: +421 (0)51 7580 611

INEA RBT d.o.o. **SLOVENIA**
Stegne 11
SI-1000 Ljubljana
Phone: +386 (0)1 / 513 8116

Beijer Electronics AB **SWEDEN**
Box 426
SE-20124 Malmö
Phone: +46 (0)40 / 35 86 00

Omni Ray AG **SWITZERLAND**
Im Schörli 5
CH-8600 Dübendorf
Phone: +41 (0)44 / 802 28 80

GTS **TURKEY**
Bayraktar Bulvari Nutuk Sok. No:5
TR-34775 Yukari İSTANBUL
Phone: +90 (0)216 526 39 90

CSC Automation Ltd. **UKRAINE**
4-B, M. Raskovoyi St.
UA-02660 Kiev
Phone: +380 (0)44 / 494 33 55

Systemgroup **UKRAINE**
2 M. Krivonosa St.
UA-03680 Kiev
Phone: +380 (0)44 / 490 92 29

I.C. SYSTEMS LTD. **EGYPT**
23 Al-Saad-Al-Alee St.
EG - Sarayat, Maadi, Cairo
Phone: +20 (0) 2 / 235 98 548

ILAN & GAVISH Ltd. **ISRAEL**
24 Shenkar St., Kiryat Arie
IL-49001 Petah-Tiqva
Phone: +972 (0)3 / 922 18 24

CEG INTERNATIONAL **LEBANON**
Cebaco Center/Block A Autostrade DORA
Lebanon - Beirut
Phone: +961 (0)1 / 240 430

CBI Ltd. **SOUTH AFRICA**
Private Bag 2016
ZA-1600 Isando
Phone: + 27 (0)11 / 977 0770

Version check

MITSUBISHI ELECTRIC
FACTORY AUTOMATION

Mitsubishi Electric Europe B.V. /// FA - European Business Group /// Gothaer Straße 8 /// D-40880 Ratingen /// Germany
Tel.: +49(0)2102-4860 /// Fax: +49(0)2102-4861120 /// info@mitsubishi-automation.com /// www.mitsubishi-automation.com

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