

# GOT1000 SERIES - PROUD TO PERFORM



# KONING & HARTMAN

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## GOT1000 - The Next Generation's Vision

The touch-sensitive control screen, which greatly facilitates data entry and parameter editing, is one of the most popular features of the GOT operator terminals. Many users find the easy touch screen operation and flexible use enhance their projects. Mitsubishi's GOT series offers a wide range of models from small 3-colour touch screens to large TFT's and handheld units. In addition there are multiple system accessories that can add diverse capabilities such as networking, camera inputs and direct MES integration depending upon the GOT unit selected.



## Hardware specifications – GOT1000 standard & compact panels

	F920	F930	GT1020	GT1030	GT1150/1155	GT11 HANDY
<b>Display type</b>						
Size	128x64pxl	240x80pxl	3.7", 160x64pxl	4.5", 288x96pxl	5.7", 320x240pxl	5.7", 320x240pxl
Monochrome FSTN	✓	✓				
3 color backlight			✓	✓		
16 gray color STN					✓	✓
256 color STN					✓	✓
64K color TFT						✓
<b>Function keys</b>	6	8				
Function keys with integrated LED and text strip		8				
<b>Display backlight</b>						
LED with dimming	✓	✓				
CCFL with dimming			✓	✓	✓	✓
<b>Communication ports</b>						
10/100Mbit/s RJ45						
Networks						
USB					✓	✓
RS485/RS422 25-pin D-sub	✓	✓	✓	✓	✓	✓
RS232 9-pin D-sub	✓	✓	✓	✓	✓	✓
<b>Application memory (including fonts)</b>	128kB	256kB	512kB	1.5MB	3MB	3MB
<b>Memory expansion CompactFlash slot</b>			✓	✓	✓	✓
<b>Supply voltage</b>	+5VDC (+/-5%)	+24VDC(+10 -15%)	+5VDC (+/-5%), +24VDC(+10 -15%)	+5VDC (+/-5%), +24VDC(+10 -15%)	+24VDC(+10 -15%)	+24VDC(+10 -15%)
<b>Buzzer</b>	✓	✓	✓	✓	✓	✓
<b>Ambient temperature</b>	0 - 50 °C	0 - 50 °C	0 - 50 °C	0 - 50 °C	0 - 50 °C	0 - 50 °C
<b>Real-time clock</b>	✓	✓	✓	✓	✓	✓
<b>Relative humidity, non condensing</b>	10 - 90 %	10 - 90 %	10 - 90 %	10 - 90 %	10 - 90 %	10 - 90 %
<b>IP rating</b>	IP65	IP65	IP67F	IP67F	IP67F	IP65F
<b>Dimensions (mm)</b>	106 x 134 x 35.5	174 x 189 x 37.5	113 x 74 x 27	145 x 76 x 29.5	167 x 135 x 62	209 x 168
Cut-out dimensions (mm)	90 x 118	155 x 170	105 x 66	240 x 130	152 x 120	
Mounting depth (mm)	30.5	32.5	23	57	56	

## Approvals and enclosure classes

The GOT1000 series complies with global industry standards as well as the environmental RoHS directive.

- EMC directive 89/336/EEC & 93/68/EEC
- UL, cUL
- Front protection class
- Back cover protection class



## Extensive Functionality

- Multiple Driver with data exchange
- Transparant Mode
- Document display
- Multiple Languages
- Unicode
- External I/O function
- Historical Trends/ Data Logger
- Recipe Management
- Alarm Management
- Dialog window
- Front USB
- Operator authentication
- Operator log
- Comment groups
- Dynamic Objects
- System monitor
- Dimmable display
- E-mail
- Script function
- MES database
- Gateway
- Easy Conguration with GT-Designer

## Hardware specfications – GOT1000 full specs model

	GT1550/1555	GT1562/1565	GT1572/1575	GT1585	GT1595
<b>Display type</b>	5.7"	8.4"	10.4"	12.1"	15"
Size	320x240pxl	640x480pxl	800x600pxl	800x600pxl	1024x768pxl
16 gray color STN	✓				
16 color STN		✓	✓		
256 color STN			✓		
4096 color STN		✓			
64K color TFT		✓	✓	✓	✓
<b>Display</b>					
backlight CCFL with dimming	✓	✓	✓	✓	✓
touchpanel resistive type	Matrix	Matrix	Matrix	Matrix	Analog
<b>Communication</b>	up to 2 channels	up to 4 channels	up to 4 channels	up to 4 channels	up to 4 channels
Ethernet 10/100Mbit/s RJ45	✓	✓	✓	✓	✓
CC-Link/ MELSECNET	✓	✓	✓	✓	✓
USB	✓	✓	✓	✓	✓
RS485/RS422 25-pin D-sub	✓	✓	✓	✓	✓
RS232 9-pin D-sub	✓	✓	✓	✓	✓
<b>Application memory (including fonts)</b>	9MB	5MB 9MB	5MB 9MB	9MB	9MB
<b>Memory expansion</b> CompactFlash slot	✓	✓	✓	✓	✓
<b>Supply voltage</b>	+24VDC (+25, -20%)	D-type: +24VDC(+10 -15%), A-type 100 - 240 VAC (+10%, -15%)			
<b>Buzzer</b>	✓	✓	✓	✓	✓
<b>Ambient temperature</b>	0 - 50 °C	0 - 50 °C	0 - 50 °C	0 - 50 °C	0 - 50 °C
<b>Real-time clock</b>	✓	✓	✓	✓	✓
<b>Relative humidity, non condensing</b>	10 - 90 %	10 - 90 %	10 - 90 %	10 - 90 %	10 - 90 %
<b>IP rating</b>	IP67F	IP67F	IP67F	IP67F	IP67F
<b>Dimensions (mm)</b>	167 x 135 x 65	241 x 192 x 52	303 x 214 x 49	316 x 242 x 52	397 x 296 x 61
Cut-out dimensions (mm)	137 x 66	227 x 176	289 x 200	302 x 228	383.5 x 282.5
Mounting depth (mm)	58	50	50	50	55

# SEEING IS BELIEVING



## GOT1000 at a glance

### Display:

From Monochrome LCD to STN or TFT 65.536 colours

### Resolution:

From 128 x 64 up to 1024 x 768

### Function keys:

Except of 2 units, all panels have touch screen and definable touch keys

### Networks capability:

Ethernet, CC-Link, MELSECNET/10

### Interface:

RS232C, RS422, RS485, USB\*

\*Not available for all units



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