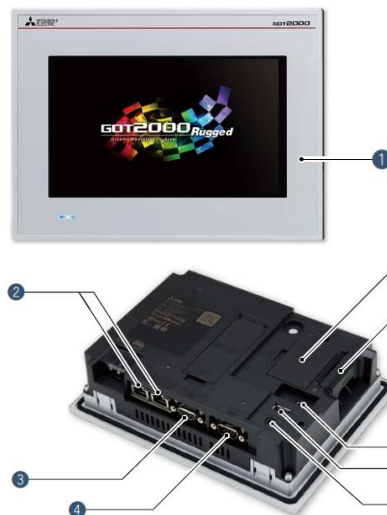# Product Introduction of GT2507T-WTSD

We are pleased to announce the release of the GT2507T-WTSD for the GOT2000 family.

What is the GT2507T-WTSD?

- The GT2507T-WTSD is ruggedized version of the GT2507-WTSD wide screen GOT. Comparing it with standard GOTs this new GOT2000 rugged version features a wider operating temperature range of -20°C to 65°C, an enhanced brightness of 1000cd/m2, UV resistance and a better vibration and shock resistance. It offers a 7" wide screen TFT LCD display with 65K colours, WVGA resolution and up to 128MB internal memory. It´s equipped with two Ethernet ports, USB host & device, RS-232, RS-422/485, a sound output interface and an SD card slot.

1) GOT front face
The metal enclosure increases resistance against vibration and shock. Ultraviolet rays are cut by approximately 95% (370 nm). Also complies with IP66F and IP67F ratings.

2) Ethernet interface (2 ports)
Use Ethernet to simultaneously connect to up to four types of industrial devices from different manufacturers. CC-Link IE Field Basic compatible devices can also be connected.

3) RS-422/485 interface
Connect to various industrial devices and barcode readers.

4) RS-232 interface
Connect to various industrial devices, barcode readers and serial printers.

5) Sound output interface (φ3.5 minijack)
Output sound by connecting φ3.5 stereo mini-plug (3-prong).

6) USB interface: host (USB-A)
Transfer project data or read the data (logging data, etc.) to or from the GOT using the USB memory. A USB mouse, keyboard, barcode reader, or RFID reader can also be connected.

7) USB interface: device (USB Mini-B)
Connect to a personal computer and transfer data.

8) SD memory card interface
Save large volumes of data, including alarms and logging data.

9) Wireless LAN communication unit interface
Mount a wireless LAN communication unit.

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for a greener tomorrow
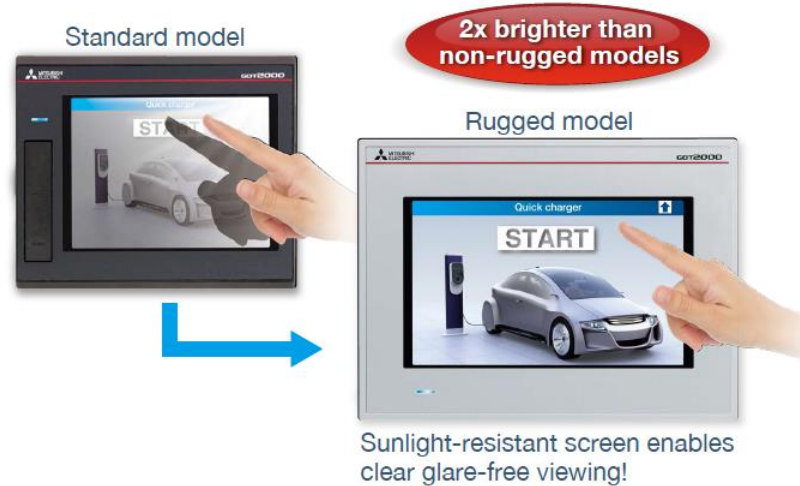
What are the key functions of the GT2507T-WTSD?

- Debugging Functions
- Document Display
- VNC Remote Access
- Email
- Recipe Record List
- GOT Mobile
- MES Interface
- FTP Server / Client
- Operation Log
- Data Logging
- Multi-Channel
- FA Transparent
- Operator Authentication
- Backup / Restore
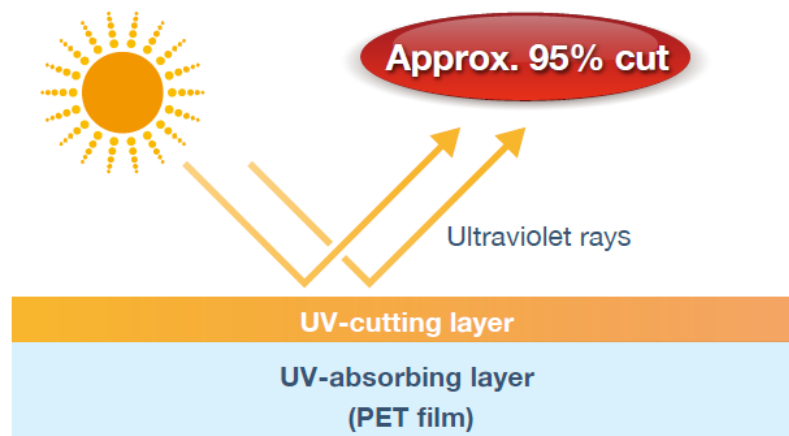
Key features:

- Wide operating temperature range
  The working ambient temperature has been expanded to -20°C to 65°C. Now compatible with harsher environments, there's no need for heaters for low temperatures or fans or coolers for high temperatures.

- High brightness, clear under daylight
  The high-brightness LCD panel (1000 cd/m2*) provides a clear screen view even under strong sunlight.

Standard model

2x brighter than non-rugged models

Rugged model

Sunlight-resistant screen enables clear glare-free viewing!

- UV resistant
  Ultraviolet rays are cut by approximately 95% (370 nm) with a UV-cutting layer and UV-absorbing layer. Degradation of the LCD panel or touch panel caused by ultraviolet rays is reduced. Use the optional UV protection sheet to further improve resistance to ultraviolet rays.

Approx. 95% cut

Ultraviolet rays

UV-cutting layer

UV-absorbing layer
(PET film)

- Vibration and shock resistant
  Since the structure of the front panel has been reinforced with a metal housing, the rugged model can be used in environments that are subject to vibration or shock, such as construction equipment or snow plows.

- Water jet resistant
  The GOT front panel complies with IP67F and IP66F and can be washed with high pressure water. This model is perfect for use in food processing systems etc.

IP□6: protected against the effect of direct powerful water jets from any direction
IP□7: protected against the effect of temporary immersion in water

- Compliant with standards
  The range of supported countries and applications is expanding as the GOT2000 complies with various Japanese and international standards.

Applications:

- Parking systems
  The rugged model can be widely used as operation panels for various parking lots and automatic parking fee machines.
  -20°C to 65°C   High-brightness LCD panel   Ultraviolet ray resistant

HMI GOT2000

- Power conditioner
  The rugged model can be found in the energy monitoring system of power conditions installed outdoors.

  High-brightness LCD panel   Ultraviolet ray resistant   -20°C to 65°C

- EV charging stand
  The rugged model can be adopted as the operation screen for outdoor EV charging stands.

  Ultraviolet ray resistant   High-brightness LCD panel   -20°C to 65°C

- Heavy machinery
  The rugged model is suitable as a status monitor screen in heavy machinery that is used outdoors and is easily subject to vibration and shock.
  Vibration resistant, shock resistant   High-brightness LCD panel   -20°C to 65°C
  Ultraviolet ray resistant   IP66F

- Food processing systems
  The rugged model is ideal as the operation panel for food processing systems that require high-pressure washing.
  IP66F   -20°C to 65°C   Flat operation screen

- Ships
  The rugged model is suitable as a monitor screen for various ship operations (crane operations etc.) and as the monitor screen in the pilothouse, where equipment is easily subject to vibration and shock.

  Brightness adjustment   Vibration resistant, shock resistant   -20°C to 65°C
  Maritime certifications (Coming soon)

Which software supports the GT2507T-WTSD?
- GT Works3 1.196
- iQ Works 2.50

When will the GT2507T-WTSD be available on stock?
- The GT2507T-WTSD is a non-stocked product and will be ordered on demand.

Order information:

Article	No.	Description
GT2507T-WTSD	338565	GOT2000;7"wideTFT;DC;WVGA;65k colors;RS-422/485;RS-232;USB;Eth;SD;Silver,rugged
GT25T-07WPSVC	339374	GOT2000;UV protection foil;7"wide; 1 pcs
GT25T-07WPCO	339375	GOT2000;Oil protection foil;7"wide; 1 pcs

We wish you much success with the new products.

Your Mitsubishi Team

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