

Datasheet MTC 6



DLoG Antenna

Diversity (real space diversity, using 2 separate antennas)

Perfect radiation pattern, reliable data transmission.

Housing & Mechanics

Perfect protection against vibrations, dust and other impacts.

Tested and certified even more extreme than US MIL requests.



DLoG Touch Screen

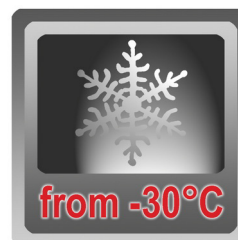
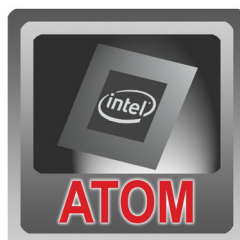
Simple and precise operation.

Breakage proof.

IP protection class

IP 66 / IP 67
from any side (360°)

Features



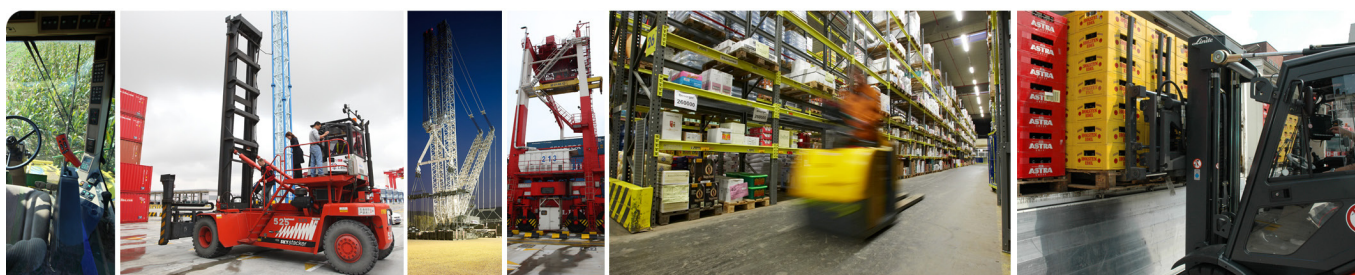
Features that comes with DLoG MTC 6/10 as standard:

LED Display: Higher illuminance, longer lifetime, reduced consumption

Operating temperature: -30°..+50°C (-22° .. 122°F) -> use in deep freeze environment and warehouse

WLAN Diversity: Reliable communication, even in demanding WLAN networks

Intel ATOM: Latest processor technology, future proof



Specifications MTC 6/10 & MTC 6/12

Fanless Design

Material	Coated Aluminium
Dimensions, weight	MTC 6/10: 285 x 229 x 78 mm, 2.8 kg – 11.2 x 9.0 x 3.1 inch, 6.1 lb MTC 6/12: 325 x 258 x 79 mm, 3.5 kg – 12.8 x 10.1 x 3.1 inch, 7.7 lb

Display

LED Display	MTC 6/10: 10.4" SVGA: 800 x 600 MTC 6/12: 12.1" XGA: 1024 x 768
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Touch Screen

DLoG-specific resistive touch screen

System properties

CPU	Intel Atom® 1,1 GHz
Memory	1GB RAM
Storage	Starting at 2GB Flash media

Software

Operating system	MS® Windows® XP Professional oder XP Embedded
Emulation SW	VT100, VT220, IBM 5250, TN 3270 Citrix ICA Client® RDP Client

Interfaces

Serial	1 x RS-232 COM 1 optionally 5 V
USB	2 x USB 2.0 Host 1 x Service USB 2.0
Audio	1 x speaker out, 1 x mic in

Networks

WLAN	IEEE 802.11 a/b/g/n
LAN	RJ45 10/100/1000 Mbps

Audio

Speaker	Integrated
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Voice

DLoG Voice Kit	Speaker/Mic via handset, optionally
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Power supply

DC	12/24VDC or 24/48 VDC, galvanically isolated Voltage sags up to 5VDC can be handled for up to 20sec
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Umgebungsbedingungen

Protection class	IP 67 and IP 66 (contains IP 65 and IP 54)
Certification	CE/FCC Class A
Operating temperature	-30° to +50° C / -22° to 122°F
Storage temperature	-35° to +65° C / -31° to 149°F
Relative humidity	10% to 90% at 40°C, non condensing
Shock / vibration	Class 5M3 according DIN EN 60721-3-5 and MIL-STD 810F (US Highway Truck)

Highlights

DLoG Config Tool: Diagnostics and individual configuration of the Client

Brightness control: Via integr. front keys

Automatic shut down: Initiated by the ignition signal (automatically) or by the On/Off switch (manually) the operating system is shut down properly and the device is switched off.

Service USB: Easy to access for seamless software updates.

WLAN: Integrated diversity-antenna space diversity: reliable communication

Integrated speaker: For beeper feedback and for audio output (DLoG Voice Kit)

DLoG VoIP: Voice over WLAN, easy communication (push to talk)

Shock- and vibration tests following tight

DIN- and US-Standards:

DLoG terminals are suitable for use in locations where heavy vibrations and impacts occur, for example on non-suspension vehicles or machines with substantial imbalances.

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