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Vehicle Mount Terminals MFT12TE (Elkhart Lake)

TECHNICAL DATA

Housing:	Aluminium, powder-coated	Touchscreen:	Resistive, minimum surface hardness of 3H, with robust, chemically hardened beaming glass
Resilience:	Shock and Vibration according to EN60068-2 Part -6, -27	Keyboard:	Virtual on-screen keyboard, 5 freely programmable function keys
Protection:	P54 (optional IP65)	Graphics:	Integrated graphics unit, DirectX12 support
Operating temp.:	-30 °C to 45 °C/-22 °F to 113 °F	Processor:	Intel® Atom QuadCore up to 4x 3.0 GHz (x6413E, Elkhart Lake)
Storage temp.:	-30 °C to 70 °C/-22 °F to 158 °F	Memory:	8 GB DDR4L RAM, 64 GB Flash
Rel. humidity:	5 % to 95 % (in operation), non-condensing	Operating system:	Windows®** 10 IoT Enterprise, Windows®** 11 IoT Enterprise, IGEL OS
Dimensions:	308 x 268 x 63 mm (W x H x D; without accessories)	BIOS:	UEFI BIOS, update-capable, bootable from LAN or USB as standard
Weight:	Approx. 3.6 kg (without accessories)	Interfaces:	Ethernet 10/100/1000 Base-T autoswitch, RS232, 1x USB 3.0, 3x USB 2.0, integrated speaker in speech output quality, audio/microphone input via jack plugs
Power supply:	9 to 72 V DC (electrically isolated)		
Power consumption:	Approx. 19 W (as standard), max. 70 W (freezer use)		
Display:	12.1" color TFT display XGA with LED backlight, 1024 x 768 pixels, 500 cd/m², 2 status LEDs		

TECHNICAL DATA



Special features:

- Integrated energy buffer for short-term bridging of power breakdowns
- 2 integrated antennae
- Fan-less design
- Device start-up and shutdown via freely definable function keys (ATX function) and via ignition
- Good display readability, even in direct sunlight

Options:

- Windows^{®**} 10 IoT Enterprise + IGEL OS:
WLAN according to IEEE 802.11 a/b/g/n/ac/ax (WiFi6; 2.4 GHz/5 GHz)
Fast Roaming according to IEEE 802.11 k/v/r
BT-compatible close-range network 5.3
- Windows^{®**} 11 IoT Enterprise:
WLAN according to IEEE 802.11 a/b/g/n/ac/ax (WiFi6E; 2.4 GHz/5 GHz/6 GHz)
Fast Roaming according to IEEE 802.11 k/v/r
BT-compatible close-range network 5.3
- WLAN Security¹: WPA, IEEE802.11i (Personal and Enterprise), WPA2, WPA2-PSK
802.1x: PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, EAP-TLS, EAP-TTLS, EAP-FAST, LEAP
- SOTI[®] MobiControl
- Integrated battery for up to 1.5 hours of operation

ACD All-in-One:

- ACD All-in-One Support & Maintenance for operating system and firmware.
- Includes firmware updates, upgrades to higher OS versions, security patches and unlimited phone support

* Registered trademark - Intel Atom
 ** Registered trademark - Microsoft
 1 Standard codification validated by ACD.
 Subject to technical modifications.

OPTIONS & ACCESSORIES



Power pack MFT1xSE



Voltage Supply Cable (3 wired)



MFT10SE/MFT12SE Mounting kit flat Standard



MFT10SE Mounting kit RAM Mount



MFT12SE/MFT15SE Mounting kit RAM Mount



MFT1xSE Mounting kit RAM Mount with holding clip



MFT10SE/MFT12SE Mounting kit flat Quick Change System



MFT10SE Mounting kit RAM Mount Quick Change System



MFT12SE/MFT15SE Mounting kit RAM Mount Quick Change System



Quick Change System Power Supply Cable (3 wired)



Quick Change System Adapter (3 wired)



MFT1xSE Adapter bracket



MFT1xSE Mounting kit Adapter bracket



MFT1xSE Keyboard Mounting Device – without keyboard



ML Keyboard black

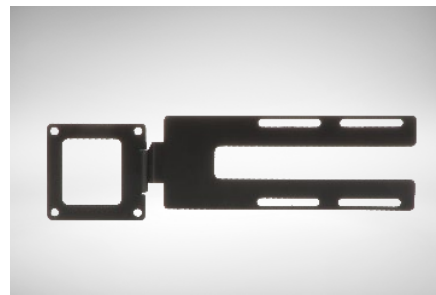
OPTIONS & ACCESSORIES



MFT1xSE sideward Keyboard with USB-Hub



MFT1xSE sideward Keyboard without USB-Hub



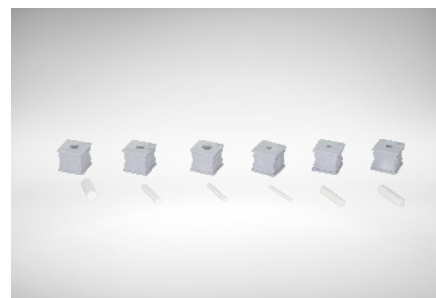
Mounting Kit for MFT1xSE sideward Keyboard



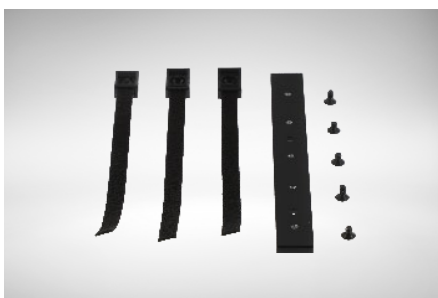
External magnetic base antenna
2.4 GHz/5 GHz/6 GHz



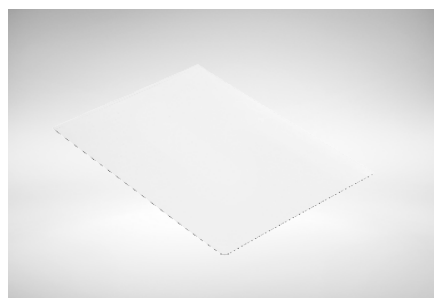
Interface cover IP65



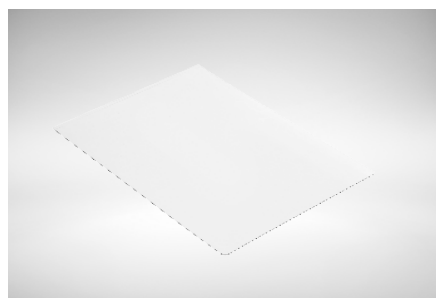
Spout Set for interface cover IP65



MFT1xSE strain relief (for IP65 device variant)



MFT10SE screen protector for resistive touch
screen



MFT12SE screen protector for resistive touch
screen

Configure your equipment directly in the online configurator at:

<https://www.acd-gruppe.de/en/vehicle-terminal-configurator/>

Our sales department will also be happy to help you with the selection under the telephone number +49 7392 708-499