

VEHICLE MOUNT TERMINALS



Specialists in portable data collection systems

MFT 10/12/15



Designed and manufactured to the highest quality standards for the most demanding work environments. Streamline materials handling and other challenging logistics processes with the ACD MFT Vehicle Mount Terminal.

The MFT can be mounted on any forklift or warehouse vehicle or as an additional option with the ACD MAX Mobile Workstation. Available with a 10", 12" or 15" TFT touch sensitive display with LED backlight, each version features a virtual on-screen keyboard and five user programmable function keys and the choice of Android (on MFT10 & MFT12 only), Windows Embedded Standard 7* or Windows 10 IoT Enterprise 2016 operating system, to ensure flawless reliability.

Built in a sealed diecast aluminium casing (IP65) with chemically hardened screen the MFT range is sunlight readable and has automatic transfer between ambient and freezer temperatures, making the MFT a versatile solution for any supply chain operation.

- MFT has a wide range of wireless and hardware connectivity capabilities, see technical specification(s) for details.
- A choice of power and mounting accessories available on request

MFT10

MFT 10 VEHICLE TERMINAL



MFT10 with Android OS



MFT10 with keyboard



Quick exchange system with adaptor



Mounting kit RAM Mount



Power pack



Mounting kit flat



HF-RFID Reader

TECHNICAL SPECIFICATIONS

Case:	Aluminium, powder-coated
Shock/Vibration:	complies with EN 60068-2 Part -6, -27
Protection Class:	IP65
Operating temperature:	-30 °C to 45 °C
Storage temperature:	-30 °C to 70 °C
Rel. humidity:	5 % to 95 % (in operation), non-condensing
Device dimensions:	270 x 235 x 62 mm (W x H x D; without accessories)
Weight:	Approx. 2.8 kg (without accessories)
Power supply:	8.5 to 72V DC (electrically isolated)
Power consumption:	Approx. 19 W (as standard), max. 60 W (freezer use)
Display:	10.4" color TFT display XGA with LED backlight, 1024 x 768 pixels, 350 cd/m ² , 2 status LEDs
Touchscreen:	Resistive, minimum surface hardness of 3H, with robust, chemically hardened beaming glass
Keyboard:	Virtual on-screen keyboard, 5 user programmable function keys
Graphics:	Integrated graphics unit, DirectX11 support
Processor:	Intel Celeron** Quad Core 4x 1.83 GHz (N2930, Bay Trail-M)
Memory:	64 GB flash, 4 GB RAM (DDR3L), 8 GB DDR3L (optional)
Operating system:	Android™6.0.1, Windows ® Embedded Standard 7 */ Windows ® 10 IoT Enterprise 2016*. Alternative o/s available on request.
BIOS:	UEFI BIOS, update-capable, bootable from LAN or USB as standard
Interfaces:	Ethernet 100-BaseT/10-BaseT auto switch, RS232, 4x USB 2.0, integrated speaker with speech output quality, audio/microphone input via jack plugs

SPECIAL FEATURES

- Integrated battery for up to 1.5 hours (typical) running time, 2 integrated antennae, fan-less design
- Device start-up and shutdown via user definable function keys (ATX function) or via vehicle ignition
- Sunlight readable

OPTIONS

- WLAN IEEE 802.11a/b/g/n (Windows ® Embedded Standard 7* device option)
- WLAN IEEE 802.11a/b/g/n/ac incl. BT-compatible close-range network (Windows ® 10 IoT Enterprise 2016* device option)
- 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
- HF-RFID Reader, Frequency 13.56 MHz
- 10.4" colour TFT display SVGA with LED backlight, 800 x 600 pixels, 1200cd/m², 2 status LEDs with resistive touchscreen, surface hardness of 3H
- 10.4" colour TFT display XGA with LED backlight, 1024 x 768 pixels, 350 cd/m², 2 status LEDs, with capacitive touchscreen, surface hardness of 6H
- Ivanti/Wavelink Products ® ■ SOTI MobiControl ®

ON REQUEST

- 10.4" colour TFT display SVGA with LED backlight, 800 x 600 pixels, 1200 cd/m², 2 status LEDs with capacitive touchscreen, surface hardness of 6H ■ Additional memory storage
- BT-compatible close-range network (Windows ® Embedded Standard 7* device option)
- 1x USB 3.0 ■ GSM / UMTS / HSPA / LTE ■ GPS
- Expansion opportunities via miniPCI express or M.2
- Connection for two external Wi-Fi antennae (reverse SMA) ■ CFAST slot

ACCESSORIES

- Different vehicle mounts ■ Quick exchange system ■ Keyboardholder with keyboard

* Registered trademark - Microsoft

** Registered trademark - Intel Celeron

¹Standard codification validated by ACD
Subject to technical modifications

MFT12

MFT 12 VEHICLE TERMINAL



MFT12 with Android OS



MFT12 with keyboard



Quick exchange system with adaptor



Mounting kit RAM Mount



Power pack



Mounting kit flat



HF-RFID Reader

TECHNICAL SPECIFICATIONS

Case:	Aluminium, powder-coated
Shock/Vibration:	complies with EN 60068-2 Part -6, -27
Protection Class:	IP65
Operating temperature:	-30 °C to 45 °C
Storage temperature:	-30 °C to 70 °C
Rel. humidity:	5 % to 95 % (in operation), non-condensing
Device dimensions:	308 x 268 x 63 mm (W x H x D; without accessories)
Weight:	Approx. 3.6 kg (without accessories)
Power supply:	9 to 72V DC (electrically isolated)
Power consumption:	Approx. 19 W (as standard), max. 60 W (freezer use)
Display:	12.1" color TFT display XGA with LED backlight, 1024 x 768 pixels, 500 cd/m ² , 2 status LEDs
Touchscreen:	Resistive, minimum surface hardness of 3H, with robust, chemically hardened beaming glass
Keyboard:	Virtual on-screen keyboard, 5 user programmable function keys
Graphics:	Integrated graphics unit, DirectX11 support
Processor:	Intel Celeron** Quad Core 4x 1.83 GHz (N2930, Bay Trail-M)
Memory:	64 GB flash, 4 GB RAM (DDR3L), 8 GB DDR3L (optional)
Operating system:	Android™6.0.1, Windows® Embedded Standard 7*/Windows® 10 IoT Enterprise 2016*. Alternative o/s available on request.
BIOS:	UEFI BIOS, update-capable, bootable from LAN or USB as standard
Interfaces:	Ethernet 100-BaseT/10-BaseT auto switch, RS232, 4x USB 2.0, integrated speaker with speech output quality, audio/microphone input via jack plugs

SPECIAL FEATURES

- Integrated battery for up to 1.5 hours (typical) running time, 2 integrated antennae, fan-less design
- Device start-up and shutdown via user definable function keys (ATX function) or via vehicle ignition
- Sunlight readable

OPTIONS

- WLAN IEEE 802.11a/b/g/n (Windows® Embedded Standard 7* device option)
- WLAN IEEE 802.11a/b/g/n/ac incl. BT-compatible close-range network (Windows® 10 IoT Enterprise 2016* device option)
- 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
- HF-RFID Reader, Frequency 13.56 MHz
- Ivanti/Wavelink Products®
- SOTI MobiControl®

ON REQUEST

- Additional memory storage
- BT-compatible close-range network (Windows® Embedded Standard 7* device option)
- 1x USB 3.0 ■ GSM / UMTS / HSPA / LTE ■ GPS
- Expansion opportunities via miniPCI express or M.2
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ACCESSORIES

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MFT15

MFT 15 VEHICLE TERMINAL



MFT15



MFT15 with keyboard



Mounting kit
RAM Mount

MFT15 with RAM Mount



Quick exchange system with adaptor



Power pack

TECHNICAL SPECIFICATIONS

Case:	Aluminium, powder-coated
Shock/Vibration:	complies with EN 60068-2 Part -6, -27
Protection Class:	IP65
Operating temperature:	-30 °C to 45 °C
Storage temperature:	-30 °C to 70 °C
Rel. humidity:	5 % to 95 % (in operation), non-condensing
Device dimensions:	366 x 311 x 71 mm (W x H x D; without accessories)
Weight:	Approx. 4.9 kg (without accessories)
Power supply:	9 to 72V DC (electrically isolated)
Power consumption:	Approx. 21 W (as standard), max. 60 W (freezer use)
Display:	15" colour TFT display XGA with LED backlight, 1024 x 768 pixels, 400 cd/m ² , 2 status LEDs
Touchscreen:	Resistive, minimum surface hardness of 3H, with robust, chemically hardened beaming glass
Keyboard:	Virtual on-screen keyboard, 5 user programmable function keys
Graphics:	Integrated graphics unit, DirectX11 support
Processor:	Intel Celeron** Quad Core 4x 1,83 GHz (N2930, Bay Trail-M)
Memory:	64 GB flash, 4 GB RAM (DDR3L), 8 GB DDR3L (optional)
Operating system:	Windows® Embedded Standard 7*/Windows® 10 IoT Enterprise 2016*. Alternative o/s available on request
BIOS:	UEFI BIOS, update-capable, bootable from LAN or USB as standard
Interfaces:	Ethernet 100-BaseT/10-BaseT auto switch, RS232, 4x USB 2.0, integrated speaker with speech output quality, audio/microphone input via jack plugs

SPECIAL FEATURES

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- Device start-up and shutdown via user definable function keys (ATX function), via vehicle ignition
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OPTIONS

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- HF-RFID Reader, Frequency: 13,56 MHz
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CONTACT OUR SALES TEAM FOR MORE INFORMATION

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