



# HANDHELD TERMINALS



Specialists in portable data collection systems

UK Reseller for ACD  
GROUP

# M2SMART®SE

# M2SMART®SE ANDROID™ o/s



## **An efficient and highly versatile data capture solution for all stages of the supply chain.**

A modern 'smartphone' style device, the ACD M2Smart®SE revolutionises mobile data capture. Robust ABS housing with large 4.8" capacitive touchscreen, the M2Smart®SE is designed with a unique ACD patented 'slide mechanism' facilitating functionality modules to be attached quickly and without tools; whilst ACD's own Android™ Industrial+ operating system ensures flawless reliability.

A wide range of 'plug 'n play' modules include keyboard, pistol grip, 1D/2D long-range barcode scanner, RFID reader, label printers & temperature sensor. The individual modules can be exchanged on the upper or lower slide mechanisms at any time without interrupting workflow.

**Android™ Industrial+** ACD Group's own operating system can be adapted to specific customer requirements. ACD provides post-sales support, incorporates security updates, troubleshooting and rapid response to security gaps. Data security is guaranteed - no data is transferred to third parties.



# M2SMART®SE HANDHELD TERMINAL



## TECHNICAL SPECIFICATIONS

<b>Case:</b>	ABS/PC
<b>Protection:</b>	IP41/IP54/IP65 *
<b>Operating temperature:</b>	-20 °C to 50 °C **
<b>Storage temperature:</b>	-20 °C to 60 °C (with battery removed)
<b>Dimensions:</b>	170 x 82 x 28 mm (L x W x H)
<b>Weight:</b>	Approx. 390g
<b>Power supply:</b>	3.8V Quick-change rechargeable battery, li-ion with 22.8 Wh (6,000 mAh), docking station incl. charger for spare battery
<b>Display:</b>	4.8" colour TFT Display with LED backlight, 1280 x 720 pixels, 280 cd/m2, 3 Status LED
<b>Touchscreen:</b>	Capacitive, surface hardness according to MOHS category 5-6
<b>Keyboard:</b>	Side On / Off key
<b>Barcode scanner:</b>	2D scanner (SE4710) integrated in housing (side scanner keys)
<b>Camera:</b>	5 MP auto-focus camera with lighting
<b>Processor:</b>	NXP® i.MX 8M Mini, 4x Cortex A53 (4x 1.8 GHz) & Cortex M4 (1x 400 MHz)
<b>Memory:</b>	ACD Standard: 16 GB Flash, 2 GB RAM. Optional: 32 GB RAM Flash, 4 GB Flash
<b>Operating system:</b>	Android™*** Industrial+



Keyboard

Protective Caps



Temperature Sensor



Pistol Grip



M2Smart®SE in Cradle

## OPTIONS

- WLAN according to IEEE 802.11a/b/g/n/ac/d/h/e/i/r/w/v incl. BT-compatible close-range network 5.0
- WLAN Security<sup>1</sup>: WEP, WPA, IEEE802.11i (Personal and Enterprise), WPA2, WPA2-PSK, 802.1x: authentication
- M2 Temperature:  
*Attachable temperature sensor to measure core & surface temperature*
- M2Key16  
*Attachable silicone keyboard with 16 keys*
- M2UHF-RFID  
*Attachable UHF-RFID reader for reading UHF-RFID tags*
- SOTI® MobiControl

## ACCESSORIES

- Docking Station: DS2Smart®
- M2Logisitsc Protection caps
- M2Grip5

\* Conditions apply

\*\* The device should only be used in deep-freeze area after start-up process

\*\*\* Registered trademark - Android™. Android is a trademark of Google LL

<sup>1</sup> Standard codification validated by ACD

# HasciSE

## HasciSE WRIST-MOUNT BARCODE SCANNER



### **'Hands-free' scanning with HasciSE: Wrist Mount / Wearable barcode scanner.**

Robust, compact and lightweight, the ACD HasciSE can be used in all stages of logistics, retail and other commercial or industrial processes.

Similar to a 'matchbox' in size and weighing only 45grams, HasciSE is one of the smallest & lightest wearable barcode scanners on the current market. With a minimum battery runtime of one typical shift operators can work 'hands free' increasing productivity and accuracy.

Designed to be 'plug & play' solution, HasciSE can be quickly & easily paired with any device that supports BT4.0 and later with the 'ACD EasyToConnect app' providing a secure connection eliminating possible interference from other nearby devices.

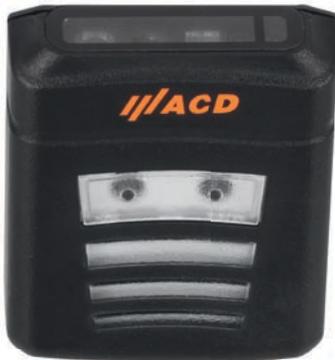
The 1D & 2D imager (SE4770) can be manually triggered with the device button or finger switch built into the ACD hand strap or full hands-free via proximity sensor, ensuring fast efficient scanning performance in all environments.

For versatility HasciSE can be supplied with a mounting plate and extractable zipper-strip that can be attached to a belt or utility vest.

- Compatible with any B-T device 4.0 and above
- Quick, Easy & Secure device pairing with ACD 'EasyToConnect' app
- Audible, Visual & Vibration scan feedback
- Long battery run time
- IP54
- 3-year warranty

# HasciSE

## HasciSE WRIST-MOUNT BARCODE SCANNER



Wrist strap



2 HasciSE units in charging cradle



HasciSE three quarter view



HasciSE charging connectors

### TECHNICAL SPECIFICATIONS

Case:	ABS
Protection:	IP54
Operating temperature:	-20 °C to 50 °C
Charging temperature:	10 °C to 40 °C
Storage temperature:	-20 °C to 20 °C
Dimensions:	56 x 45 x 14 mm (L x W x H)
Weight:	45 g
Power supply:	Battery, li-po with 1.66 Wh (450 mAh/3.7 V), Docking station
Display:	Status LED
Keyboard:	On/Off Button & Scanner Button
Barcode scanner:	1D & 2D imager (SE4770) integrated in housing. Optional: DotCode Scanner
Interfaces:	BT-compatible close-range network 4.0

Compatibility with all BT-enabled Android™ devices: BT 4.0 and above  
(Windows version also available)

### SPECIAL FEATURES

- Scan trigger: scanner key, finger switch (on hand strap) or proximity sensor
- Audible, Visual & Vibration scan feedback
- Pairing via BT-compatible close-range network
- Easy & secure pairing with ACD 'EasyToConnect' App

### ACCESSORIES

- Docking station: DSHasciSE
- ACD Wrist Strap incl. Finger Switch
- HasciSE Zipper-Strip (Square Connector)
- HasciSE Zipper-Strip (Round Connector)
- HasciSE mounting plate



# M270

# M270 ANDROID™ o/s



**The new generation of ACD handheld - a perfect combination of 'smartphone' screen and rugged industrial device, the M270 is a powerful data capture terminal for intensive mobile scanning applications in the most demanding industrial environments.**

The tough ABS plastic case with built in protection buffering offers durability against drops, windblown rain and dust, whilst the powerful NXP\*\* processor, long battery life and ACD's own Android™ Industrial+ operating system ensures flawless reliability.

The M270 is equipped with a 1D scanner (SE965), 3.5" colour touch sensitive TFT display with LED backlight, quick entry keyboard, two side scanner keys and ten user-programmable function keys. Units are BT-compatible (close-range network)

Wi-Fi connectivity is standard with the M270. Host connectivity is provided via the DS270 docking station. A comprehensive range of accessories: pistol grip, additional batteries, single/multi-battery chargers, vehicle mount kits and bags/belt holsters are available.

**Android™ Industrial+** ACD Group's own operating system can be adapted to specific customer requirements. ACD provides post-sales support, incorporates security updates, troubleshooting and rapid response to security gaps. Data security is guaranteed - no data is transferred or can be shared with third parties.

# M270

## M270 HANDHELD TERMINAL



M270 with Pistol Grip



M270 in Cradle & Spare Battery



M270 RAM Mount



M270 & Zipper Strip



M270 Scanner

### TECHNICAL SPECIFICATIONS

<b>Case:</b>	ABS
<b>Protection:</b>	IP54
<b>Operating temperature:</b>	0 °C to 40 °C
<b>Storage temperature:</b>	-20 °C to 70 °C (with battery removed)
<b>Dimensions:</b>	219 x 62/83 x 39/41mm (L x W x H)
<b>Weight:</b>	Approx. 500g
<b>Power supply:</b>	Quick-change battery: li-ion with 24.5 Wh (3,400 mAh/7.2 V), docking station or battery charger
<b>Display:</b>	3.5" colour TFT Display with LED backlight, 480 x 640 pixels, 400 cd/m <sup>2</sup> , Status LED
<b>Touchscreen:</b>	Capacitive, minimum surface hardness 6H
<b>Keyboard:</b>	Quick-entry keyboard with alphanumeric function, 15 mm space between keys, 15 keys in hard case design, 10 function keys
<b>Barcode scanner:</b>	1D scanner (SE965) integrated in housing with side scanner keys
<b>Processor:</b>	NXP® * i.MX6 Dual Lite, 1 GHz (DualCore, Cortex A9)
<b>Memory:</b>	8 GB Flash, 1 GB RAM, larger memory optionally available
<b>Operating system:</b>	Android™** Industrial+
<b>Interfaces:</b>	USB OTG

### OPTIONS

- 2D Scanner (SE4500)
- 2D Long-range scanner (EX25) with pistol grip
- WLAN according to IEEE 802.11 a/b/g/n, WLAN Security<sup>1</sup>: WEP, WPA, IEEE802.11i (WPA2), WPA2-PSK, Personal and Enterprise 802.11x: PEAP-MSCHAPv2, EAP-TLS
- BT-compatible close-range network
- Various software products including 'EasyToConfig', etc.

### ACCESSORIES

- Docking station: DS260
- Pistol grip
- Zipper strip
- Battery charger: 1-way & 5-way
- Vehicle mount device (on request)
- Various holsters/bags

\* Registered trademark - NXP  
\*\* Registered trademark - Android™  
Android is a trademark of Google LL

<sup>1</sup>Standard codification validated by ACD  
Subject to technical modifications

# M260TE

# M260TE WINDOWS o/s



**The ACD M260TE is a powerful data capture terminal for intensive mobile scanning applications with 'Microsoft Windows EC7' operating system.**

Tough ABS plastic case with built in protection buffering offers durability against drops, windblown rain and dust, whilst the powerful NXP\*\* processor and long battery life ensures flawless reliability.

**The M260TE is equipped with a large touch sensitive high contrast TFT display with LED backlight**, a choice of two keyboards, two side scanner keys and ten user programmable function keys. Units are BT-compatible (close-range network) with the choice of scanner options: 1D midrange, 1D long-range or 2D short or 2D long-range.

**Wi-Fi connectivity is standard with all versions of the M260TE.**

Host connectivity is provided via the DS260 docking station. A comprehensive range of accessories: pistol grip, additional batteries, single/multi-battery chargers, vehicle mount kits and bags/belt holsters are available.

■ 5MP auto focus camera w/light. GPS & UMTS available on request.

# M260TE

# M260TE HANDHELD TERMINAL



Silicone keyboard with backlit keys



Docking station



Pistol grip



Battery charger -  
5 fold/1-fold



Mounting device  
for vehicles



RAM mounting device



Zipper and Strip



Various bags/belt holster

## TECHNICAL SPECIFICATIONS

<b>Case:</b>	ABS
<b>Protection:</b>	IP54
<b>Operating temperature:</b>	0 °C to 40 °C
<b>Storage temperature:</b>	-20 °C to 70 °C (with battery removed)
<b>Dimensions:</b>	219 x 62/83 x 39/41 mm (L x W x H)
<b>Weight:</b>	Approx. 500 g
<b>Power supply:</b>	Li-Ion with 24.5 Wh (3.400 mAh/7.2V) quick-change battery, docking station or battery charger
<b>Display:</b>	3.5" colour TFT Display with LED backlight, 240 x 320 pixels, 640 cd/m <sup>2</sup> , Status LED
<b>Touchscreen:</b>	Resistive, minimum surface hardness 3H
<b>Keyboard:</b>	Quick-entry keyboard with alphanumeric function, 15 mm space between keys, 15 keys in hard case design, 10 function keys
<b>Barcode scanner:</b>	1D scanner integrated in housing (side scanner keys)
<b>Processor:</b>	NXP* @ i.MX6 Dual Lite, 1 GHz (DualCore, Cortex A9)
<b>Memory:</b>	4 GB Flash, 1 GB RAM, larger memory optionally available
<b>Operating system:</b>	Windows®** Embedded Compact 7 (EC7)
<b>Interfaces:</b>	USB OTG, microSD card

## OPTIONS

- 1D Long-range scanner with grip
- 2D scanner
- 2D Long-range scanner with grip
- WLAN according to IEEE 802.11 a/b/g/n incl. BT-compatible close-range network; CCXv4 WLAN Security<sup>1</sup>: WEP, WPA, IEEE802.11 i (WPA2), WPA2-PSK, Personal and Enterprise, 802.1 x: PEAP-MSCHAPv2, PEAP TLS, PEAP-GTC, EAP-FAST, EAP-TLS, EAP-TTLS, LEAP
- Illuminated silicone keyboard
- Mobile wireless multi-band (LTE, UMTS/HSPA+, GSM/GPRS/EDGE)
- Ivanti® Products, SOTI® MobiControl

## ACCESSORIES

- Docking station - DS260 Pistol grip
- Battery charger 1-way & 5-way
- Mounting devices
- Zipper Strip
- Various holsters & bags

\* Registered trademark - NXP  
\*\* Registered trademark - Microsoft

<sup>1</sup>Standard codification validated by ACD  
Subject to technical modifications

# M266SE

## PHARMACEUTICAL & FOOD ANDROID™ o/s



**Specifically developed for hygiene critical working environments, the M266SE is a robust and versatile solution for the pharmaceutical or food manufacturing industry.**

IP65 rated, the tough ABS housing offers increased durability against dust and low-pressure water jets. Units are designed without edges to prevent dirt build up and equipped with a washable membrane keyboard compatible with industry standard cleaning agents.

The M266SE Pharmaceutical features an antimicrobial coating for use in sterile environments. Both versions of the M266SE can be configured with either a 1D or 2D laser scanner and are equipped with a large touch sensitive – high contrast TFT display with LED backlight and six user-programable function keys, whilst the Android™ Industrial + operating system and powerful NXP processor ensures flawless reliability.

Wi-Fi connectivity is standard with all versions whilst host connectivity is provided via the DS266 docking station.

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# M266SE

## PHARMACEUTICAL & FOOD HANDHELD TERMINALS



M266SE Pharmaceutical in Docking Station



M266SE Food



M266SE  
Pharmaceutical  
Pistol Grip



M266SE Food  
Pistol Grip

### TECHNICAL SPECIFICATIONS

<b>Case:</b>	ABS
<b>Protection:</b>	IP65
<b>Operating temperature:</b>	-20 °C to 45 °C
<b>Storage temperature:</b>	-20 °C to 70 °C (with battery removed)
<b>Dimensions:</b>	224 x 92 x 36/157mm mm (L x W x H)
<b>Weight:</b>	Approx. 600g
<b>Power supply:</b>	li-ion with 24.5 Wh (3,400 mAh/7.2 V) docking station
<b>Display:</b>	3,5" colour TFT Display with LED backlight, 240 x 320 pixels, 640 cd/m <sup>2</sup> , Status LED
<b>Touchscreen:</b>	Resistive, minimum surface hardness 3H
<b>M266SE Pharmaceutical Keyboard only:</b>	Washable membrane keyboard with antimicrobial coating 21 keys incl. 6 function keys
<b>M266SE Food Keyboard only:</b>	Washable membrane keyboard 21 keys incl. 6 function keys
<b>Barcode scanner:</b>	1 D scanner integrated in housing (scanner key on grip)
<b>Processor:</b>	NXP®* i.MX6 Dual Lite, 1 GHz (DualCore, Cortex A9)
<b>Memory:</b>	8 GB Flash, 1 GB RAM, larger memory option available
<b>Operating system:</b>	Android™** Industrial+
<b>Interfaces:</b>	WLAN according IEEE 802.11 a/b/g/n incl. BT-compatible close-range network WLAN Security1: WEP, WPA, IEEE802.11i (WPA2), WPA2-PSK, Personal and Enterprise 802.11x: PEAP-MSCHAPv2, EAP-TLS, microUSB (intern)

### OPTIONS

- 2D scanner

### ACCESSORIES

- Docking station
- M622xx Mounting Bracket

\* Registered trademark - NXP  
\*\* Registered trademark - Android™  
Android is a trademark of Google LL

<sup>1</sup>Standard codification validated by ACD  
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