

CS75 XA

The CS75XA is a rugged industrial handheld PDA terminal featuring a 5.5-inch display, a high-performance MTK octa-core processor and the latest Android 14 operating system. It is equipped with a high-quality scan engine and scanning service software and supports all 2G/3G/4G frequency bands used in Europe and Asia. With its full-screen display and Corning Gorilla Glass cover glass, it provides industrial-grade protection and is ideal for barcode scanning applications in logistics, courier services, warehousing, healthcare, production management, retail and other industries.



5.5-inch HD+
full-screen colour display



Fast octa-core processor,
smooth and responsive



Accurate scanning,
reliable recognition



5 MP + 13 MP
HD cameras



Ultra-high-capacity
5000 mAh battery



IP65 rating +
1.5 m drop resistance

Product designation	Handheld PDA
Model designation	CS75XA
Mechanical Specifications	
Platform	High-performance MTK octa-core processor (MT6765)
Operating system	Android 14
Memory	4 GB RAM + 64 GB ROM
SIM card	Nano-SIM supported; 2-in-3 card slot
TF card	Supported: up to 128 GB
Display	5.45-inch TFT (IPS), HD+, resolution: 720 x 1440
Touchscreen	Third-generation Corning cover glass, fully laminated, 1.1 mm, with AF anti-fingerprint coating; GFF / In-cell multi-touch technology; supports operation with gloves and wet hands
Camera	Front camera: 5 MP
	Rear camera: 13 MP with autofocus (AF)
Flash	Supports flash and single flash mode
Buttons	Right side: 1 scan button, 1 power button, custom button
	Left side: 1 scan button, 1 volume control (+/-)
Battery	Removable 5000 mAh main battery; operation at room temperature
Audio	Speaker output: 1 W x 18 ohm, 95 dB
	Dual silicon microphones: main microphone + noise-cancelling microphone
	Earpiece
Vibration	Flat vibration motor
Sensors	Ambient light / proximity sensor
	3-axis accelerometer
Indicator light	Supported (red / green / blue)
RF Specifications / Wireless	
Wireless wide area network (frequency bands)	GSM: B2 / B3 / B5 / B8 CDMA: BC0 WCDMA: B1 / B2 / B5 / B8 TDD-LTE: B34 / B38 / B39 / B40 / B41 FDD-LTE: B1 / B3 / B5 / B7 / B8 / B20 / B28A/B
Wireless wide area network (data services)	4G: TDD-LTE, FDD-LTE 3G: HSPA+, EVDO, GPRS, EDGE 2G: GPRS Class 12 / EDGE
Wi-Fi	2.4 GHz / 5 GHz / WLAN 802.11ac/a/b/g/n
Bluetooth	Bluetooth 5.0

Navigation and positioning	GPS / BeiDou / Galileo / GLONASS / A-GPS
NFC	
Frequency	13.56 MHz supported
Read range	3-5 cm
Communication protocols	ISO/IEC 14443 A/B ISO/IEC 15693, MIFARE compatible
Scan Engine	
Scan engine	CM60E
Optical resolution	>= 3 mil
Scan angle	Horizontal 42°, vertical 28°
Supported symbologies	PDF417, QR Code, Data Matrix, Aztec, Han Xin Code, MaxiCode, Micro QR, MicroPDF417, Composite, etc. EAN-13, EAN-8, UPC-A, UPC-E, Code 128, Code 39, Codabar, UCC/EAN-128, RSS, ITF, ITF-14, ITF-6, ISSN, ISBN, Standard 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Plessey, MSI Plessey, Code 11, Code 93, etc.
Input Interfaces	
USB port	USB Type-C / 5 V 2 A / USB 2.0; OTG supported (water-resistant USB port)
Charging cradle interface	2-pin bottom charging supported
External expansion pins	Not supported
Charging	
Fast charging on device	USB Type-C, 5 V 2 A
Desktop charger	USB Type-C 5 V 2 A, DC 12 V 3 A
Dimensions & Form Factor	
Dimensions	L: 157.2 mm x W: 77.4 mm x H: 15.5 mm / 26 mm
Weight	>= 280 g
Environmental Conditions	
Temperature	Operating temperature: -20°C to 60°C Storage temperature: -40°C to 70°C
Relative humidity	5%-95% (non-condensing)
ESD	Rating: +/-8 kV (air discharge), +/-15 kV
Ingress protection	IP65
Drop specification	1.5 m
Tumble resistance	1,000 tumbles from a height of 0.5 m
Package Contents & Accessories	
- EU charger: 5 V 2 A x 1 - Data cable x 1 - Battery (installed in device) x 1 - Retail box x 1 - Quick Start Guide (QSG) x 1 - Warranty card x 1	