



## Denso MC-83 – Ready for the future with angled scan head, maximum robustness and 5G

- ✓ Inclined scan head for ergonomic hand position and optimum view of the screen
- ✓ Powerful scan engine for reliable scanning of all barcode types, even through glass or foil
- ✓ 5G and modern hardware accelerate all indoor and outdoor applications
- ✓ Large display for minimal scrolling and zooming, can also be operated with wet fingers or gloves
- ✓ Robust design with IP67 sealing, withstands drops from up to 1.8 meters without damage

## Features

**Readable codes:** 1D & 2D, from screens, through glass

**Display:** 6 inch, HD, multi-touch, can be operated with gloves

**Operating system:** Android 12

**Processor:** Snapdragon, 2.0 GHz Octa-Core

**Memory:** 4 GB RAM, 64 GB Flash

**Feedback:** LED, sound and vibration

**Buttons:** 4 + 2 trigger buttons

**Wireless interfaces:** 5G, Wi-Fi 6, Bluetooth 5.1, NFC

**Additional features:** 16 MP + 5 MP camera, GPS

**Battery:** 5000 mAh, up to 14 h, QC 3.0 fast charging, USB-C

**Protection:** IP67, drop-proof up to 1.8 m

**Operating temperature:** -20 - 50 °C

**Dimensions (W x L x H):** 77 x 161 x 15/30 mm

**Weight:** 269 g (incl. battery)

## Optional accessories

1-fold charging station - DC	CU-M83UB
1-fold charging station device + spare battery - USB-C	CU-M83U
1- and 4-fold battery charging station	CU-M83-4BAT
4-fold charging station	CH-MC83-4
4-fold charging station base	CU-M83-4
USB QC 3.0 power supply unit	NG-M83

Spare battery	BT-M83LA
Screen protector	BHT-M83-DSF
Hand strap	
Carrying aids	
Stylus pen	

Modell	MC-83-QW5-A12		
Betriebssystem	Android™ 12 GMS (bis A14 garantiert)		
CPU	Qualcomm Snapdragon™ 480 Octa-core, 2.0GHz		
Speicher	RAM	4 GB	
	Flash ROM	64 GB	
Display	Displaygröße und -auflösung	6 Zoll HD (1440 x 720px)	
	Displaysystem	Dot Matrix Liquid Crystal Display	
	Hintergrundbeleuchtung	High-Bright White LED	
Scanner	Leseverfahren	Bildsensor, 1280*760px	
	Unterstützte Codes	2D Code	QR code, Micro QR code, Datamatrix, Aztec, PDF417, MicroPDF417, Composite, RSS, TLC-39, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX) etc.
		Barcode	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS etc.
		OCR	Unterstützt, inkl. Multi-Line optional
	Auflösung	2D Code	0,127 mm
		Barcode	0,07 6mm
	Guidance Marker		2x warm-white LED & 655nm laser cross marker
	Lesebestätigung		LED (blau), Beep, WAV, Vibration
Tasten	Anzahl der Tasten	4 Tasten (inkl. Power) + 2 Triggertasten	
Touchpanel	GorillaGlass™ 5+, Wet Touch / Glove / Fingertips / Stylus		
Kommunikation	Wireless LAN	Standards	2x2 Wi-Fi, 802.11 a/b/g/n/ac/ax-ready, 2,4G/5G Dualband, IPV4, IPV6, 5GPA; Fast roaming, PMKID caching, 802.11r, OKC
		Kanäle	2.4Ghz (channel 1-13); 5Ghz (channel 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144, 149, 153, 157, 161, 165); use based upon local regulations
		Sicherheit	WEP, WPA/WPA2-PSK(TKIP and AES), WAPI-PSK—EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS,PEAP-GTC, WPA3-Enterprise, WPA3-Enhanced Open, WPA3 Easy Connect, WPA3-Personal
	Wireless WAN	Unterstützt GSM, W-CDMA, LTE, Vo-LTE, 5G	
	GPS	GPS / AGPS, GLONASS, BeiDou, Galileo, internal antenna	
	Bluetooth®	Bluetooth 5.1	
	USB	USB 3.1, Type-C, USB-OTG	
	NFC	13,56MHz, ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2	
	Kamera	Front Camera: 5MP, Rear Camera:16MP, Autofocus, Flash	
Steckplätze	1 x SIM 1 x SIM für TF Card		
Sensoren	G-Sensor, Proximity-Sensor, Light-Sensor, Geomagnetic-Sensor, Gyroscope 2 Mikrofone (1x NoiseDetect, 1x Receiver)		
Stromversorgung	Akku	5.000mAh Wechselakku, Li-Ion	
	Schnellladen	Qualcomm® Quick Charge™ 3.0	
	Betriebsdauer	8 Stunden garantiert, bis zu 14 Stunden (je nach Umgebungsbedingungen und Einsatzart)	
Umgebungsbedingungen	Temperaturbereiche	Betrieb: -20°C bis +50°C, Lagerung: -40°C bis +70°C	
	Luftfeuchtigkeit	5% bis 95% RH (non condensing)	
	Schutzart	IP 67	
	Sturzfestigkeit	Mehrfache Stürze aus 1,5m auf Beton; mehr als 1000 Stürze aus 0,5m bei Raumtemperatur	
Maße und Gewicht	B x L x H: 77 x 161 x 15/30 mm; 298gr (inkl. Akku)		