

TECHNICAL FEATURES

TECHNICAL DATA

ITEM	DESCRIPTION
PHYSICAL CHARACTERISTICS	
Dimensions	Front size: 218 x 78.5 mm / 8.58 x 3.09 in Thickness Max 31,3 Head; Max 35,6 WLC coil area and hand strap area; XLR front size: 220.3 x 89.2 mm / 8.67 x 3.51 in, thickness max 52.6 mm
Weight	Handheld: with Std. battery 488 g, with high capacity battery 514 g; Pistol-grip: with Std. battery 600 g, with high capacity battery 626 g; XLR with pistol grip and high capacity battery 665 g
Primary Display	4.3 inch TFT / Transflective LCD with 800x480 WVGA pixel resolution; LED backlight and integrated touch screen, High brightness for Indoor and Outdoor High Visibility
Keyboard	47-key alphanumeric, 38-key function numeric, 28-key numeric; Keyboard with backlight
Touch Panel	Touch Screen: 6 points multi-touch capacitive panel with hardened Gorilla Glass 3; Support for gloves and stylus
ELECTRICAL	
Battery	Removable battery pack with rechargeable Li-Ion batteries; USB Type-C for fast battery charging Standard: 3.7 V; Rated 3460mAh typical 3500mAh (12.8 Watt hours); standard on all handheld models Extended: Rated 6080 mAh typical 6200mAh (22.1 Watthours); standard on all Pistol Grip models.
Wireless Charging	15 W fast charging
SENSORS	
Inertial Measurement Unit	6-DoF MEMS accelerometer and gyroscope
eCompass	3-DoF Hall-effect magnetometer
Ambient Light	Auto adjusts display backlight
Proximity	Presentation Mode based on ToF sensor. Not available on the XLR version
INTERFACES	
Interfaces	USB Type-C: USB 3.1 gen 1 (3.2 gen 1x1), host and device; Gigabit Ethernet connectivity (via 3-slot dock)

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ENVIRONMENTAL	
Temperature	Operating: -20 to 50 °C / -4 to 122 °F Storage/Transport: -30 to 70 °C / -22 to 158 °F
Drop Resistance	Withstands multiple drops from 1.8 m / 6.0 ft onto steel or concrete according to IEC 60068-2-32 method 1
Tumbles	Withstands 2,000 tumbles from 1 m / 3.3 ft, according to IEC 60068-2-32 procedure 2
Chemical Resistance	Chemical cleanser and industrial oil resistant
Particulate and Water Sealing	IP65
SYSTEM	
Expansion Slots	Micro Secure Digital slot (SDXC) up to 256 GB
Memory	RAM Memory: 3 / 4 GB; Flash Memory: 32/64 GB (partially used for firmware and reserved data)
Microprocessor	Qualcomm SD660 Octa-core 2.2 GHz
Operating System	Android 10 with GMS – 2 Main OS Upgrade Support
Audio	Wideband Speech (HD Audio) supported on Android
SOFTWARE	
Applications	Pre-licensed device and browser lockdown powered by 42Gears; Datalogic WiFi Guard; compatible with Enterprise class PTT by Zello; Datalogic’s SoftSpot soft triggers
Provisioning	Scan2Deploy Studio, Android Zero-Touch, QR Code enrollment
Configuration and Maintenance	Scan2Deploy Studio, OEMConfig
Software Maintenance	Datalogic Shield: recurring security patches, firmware updates, and OS upgrades
Development	Android: Datalogic Android SDK, Xamarin SDK, Ionic Cordova SDK and React Native SDK
MDM	Compatible with: SOTI MobiControl, VMWare AirWatch, Ivanti Avalanche, 42Gears SureMDM, Microsoft Intune
Terminal Emulation	Compatible with: StayLinked SmartTE, Ivanti Velocity
DECODING CAPABILITY	
1D/Linear Codes	CodaBar, Code 128, GS1-128, ISBT 128, Code 39, Code 93, Discrete 2 of 5, UPC/EAN, GS1 DataBar™ linear codes, Interleaved 2 of 5, Matrix 2 of 5, MS
2D Codes (DE2112-SR, DE2112-MR and DE2172-AF)	Aztec Code, Data Matrix, Maxi Code, Micro QR Code, QR Code. DotCode (only supported by DE2172-AF (XLR)
Postal Codes (DE2112-SR DE2112-MR and DE2172-AF)	Australian Post, Japan Post, KIX Code, PLANET, POSTNET, Royal Mail Code (RM4SCC), USPS Intelligent Mail
Stacked Codes (DE2112-SR DE2112-MR and DE2172-AF)	Micro-PDF417, PDF417, GS1 DataBar Expanded Stacked, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, UPC/EAN/JAN Composites, GS1 DataBar Composites and GS1-128 Composite

ITEM	DESCRIPTION
WIRELESS COMMUNICATIONS	
Local Area Network (LAN)	IEEE 802.11 a/b/g/n/ac and 802.11 d/e/h/i/k/r/v/w/mc (for indoor localization); IPv4, IPv6, 2x2 MU-MIMO for higher throughput and coverage Frequency range: Country dependent, typically 2.4 GHz and 5 GHz bands
Personal Area Network (PAN)	Class 2, Bluetooth V5.0 with BR/EDR and Bluetooth Low Energy (BLE) Support
NFC Communication	Support for the following standards: ISO14443-4 (type-A, type-B); ISO15693; Mifare; Felica Not available on the XLR version
READING PERFORMANCE	
Camera	Rear Camera: Resolution: 13 MP; Illumination: User controllable LED flash Not available on XLR version*
Scan Engine	1D Imager: Linear CCD 2500 pixels; Sharp green LED scan line. Print contrast minimum: 15%. Depth of Field (typical): 4.0 to 74 cm / 1.5 to 29.1 in (13 mil/EAN) 2D Imager Standard Range (supports 1D / 2D codes): White LED Illumination, laser aim 650nm; Print contrast minimum: 25%; Depth of Field (typical): 4.5 to 74 cm / 1.7 to 29.1 in (13 mil/EAN); 6.5 to 40 cm / 2.5 to 15.7 in (15 mil/DM) 2D Imager Mid-Range: White LED Illumination; Print contrast minimum: 25%; Depth of Field (typical): 8.0 to 100 cm / 3.1 to 31.4 in (13 mil/EAN); up to 160 cm / up to 63 in (55 mil/DM); up to 500 cm / up to 197 in (100 mils Code 39); up to 400 cm / up to 158 in (160 mils Data Matrix) 2D Imager Extra Long Range (XLR): Red LED Illumination; Print contrast minimum: 20%; Depth of Field (typical): up to 320 cm / up to 126 in (13 mil/EAN); up to 650 cm / up to 256 in (55 mil/DM); up to 1000 cm / up to 394 in ((40 mil/Code128 and 100 mil/DM); up to 2000 cm / up to 787 in (100 mil/Code 128)
SAFETY & REGULATORY	
Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use
Environmental Compliance	Complies to EU RoHS Directive 2011/65/EU
Laser Classification	VLD - Class 2 IEC/EN60825-1; Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice No. 50 dated June 24, 2007
LED Classification	Exempt Risk Group IEC/EN62471
WARRANTY	
Warranty	1-Year Factory Warranty

*. XLR is featured with the ability of taking pictures with the scan engine.