

SPECIFICATIONS

SKORPIO™ X5

DIFFERENT CONFIGURATIONS AVAILABLE, INCLUDING
AN EXTRA LONG RANGE (XLR) SCAN ENGINE OPTION

DATALOGIC



WIRELESS COMMUNICATIONS

WLAN: 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

WPAN: 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.

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

ELECTRICAL

Battery: Removable battery pack with rechargeable Li-Ion batteries; MicroUSB 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 Watt-hours); standard on all Pistol Grip models

Wireless Charging: 15 W fast charging

ENVIRONMENTAL

Drop Resistance: Withstands multiple drops from 1.8 m / 6.0 ft onto steel or concrete according to IEC 60068-2-32 procedure 1. Skorpio X5 XLR with the Rubber Boot applied withstands multiple drops from 2.0 m / 6.6 ft onto steel or concrete according to IEC 60068-2-32 procedure 1.

Tumbles: Withstands 2,000 tumbles from 1 m / 3.3 ft, according to IEC 60068-2-32 procedure 2

Sealing: IP65

Chemical Resistance: Chemical cleanser and industrial oil resistant

Temperature: Operating: -20 to 50 °C / -4 to 122 °F
Storage/Transport: -30 to 70 °C / -22 to 158 °F

INTERFACES & SENSORS

Interfaces:

USB Type-C: USB 3.1 gen 1 (3.2 gen 1x1), host and device; Gigabit Ethernet connectivity (via 3-slot dock)

Accelerometer: 3-Axis accelerometer to detect orientation

Gyroscope: Senses angular velocity

Ambient Light: Auto adjusts display backlight

Proximity:

Presentation Mode sensor for 2D models only (based on ToF). Not available on the XLR version.

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

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

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

READING PERFORMANCE

Camera: Rear Camera: Resolution: 13 MP; Illumination: User controllable LED flash Not available on XLR version (XLR is featured with the ability of taking pictures with the scan engine.)

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)

SYSTEM

Memory: RAM Memory: 3 / 4 GB; Flash Memory: 32/64 GB (partially used for firmware and reserved data)

Microprocessor: Qualcomm® SDA660 System-on-Chip 2.3 GHz

Operating System: Android 10 with GMS

Expansion Slots: Micro Secure Digital slot (SDXC) up to 256 GB

THE BOWE IQ SOFTWARE EFFECT

While BOWE IQ's mobile computers are available as a standalone product, they really come into their own when embedded into an intelligent BOWE IQ Cloud software ecosystem with all the necessary functions for asset tracking, inventory management, work-in-process, and/or workflow design. Its versatility also means that customers can start with a basic installation and easily scale upwards as needs evolve.



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