



Leistungsstarker Barcodescanner für anspruchsvolle Arbeitsumgebungen



Zuverlässiges Scannen aller gängigen 1D- und 2D-Barcodes auch bei hoher Geschwindigkeit

Erfasst klassische Barcodes, GS1 Digital Link, Digimarc sowie hochauflösende und beschädigte Codes sicher beim ersten Scan. Intelligente Algorithmen verbessern die Leserate bei schlecht gedruckten, reflektierenden oder bewegten Barcodes.



Ergonomisches und intuitives Bedienkonzept für ermüdungsfreies Arbeiten

Grünes Zielkreuz, Green Spot, 3GL™-Statusanzeigen und Vibrationsfeedback sorgen für klare Rückmeldung auch in lauten Umgebungen.



Flexible Einsatzmöglichkeiten durch kabelgebundene und kabellose Varianten

USB, RS-232 oder Bluetooth 5.2 sowie Datalogic STAR Cordless System für unterschiedliche Arbeitsplatzanforderungen.



Robuste Bauweise für den täglichen Dauereinsatz

Sturzfest aus 1,8 m, IP52-geschützt und ausgelegt für hohe Auslösezyklen und lange Lebensdauer.



Nachhaltiges Produktdesign mit Fokus auf Energieeffizienz und Recycling

Ecodesign-Ansatz mit recycelten Materialien, langlebiger Konstruktion und reduzierter Umweltbelastung.

Eigenschaften

Lesbare Codes: 1D, 2D, Post, Stapel, Digimarc, OCR

Leseabstand: Kontakt – 60 cm

Zielen: LED-Zielkreuz, rote und weiße LED-Beleuchtung

Feedback: LEDs, Green Spot, Beeper und Vibration

Konnektivität: USB-C, RS-232, Bluetooth 5.2, Datalogic STAR

Zusätzliche Features: Fotofunktion

Akku (Drahtlose Modelle): 80.000 Scans, Wireless Charging

SuperCap (Drahtlose Modelle): 30 min./volle Ladung, 7.000 Scans, Wireless Charging

Schutz: IP52, bis zu 1,8 m sturzsicher, 2000 Stürze aus 0,5 m

Betriebstemperatur: 0 bis +50 °C

Abmessungen: 180 x 65 x 79 mm

Gewicht: 144 g / 218 g

Optionales Zubehör

Halterung

Präsentationsständer

Dockingstation

Wandhalterung

CORDLESS MODELS COMMUNICATIONS

Gryphon GBT4600 (Bluetooth Wireless Technology)	Bluetooth: 5.2, Classic & Low Energy (LE). Selectable output power: Class 1, 2, 3. Radio frequency: 2.4GHz. Radio range: 100.0 m / 328.0 ft (Class 1, open air, reader connected with the base station. Range with connection to other Bluetooth peripherals may show different results). Standard profiles: SPP (serial port emulation), HID (Human Interface Device) and HOGP (keyboard emulation). Max. n. of readers connected with the same base station: 7. Security: data encryption; scanner authentication
Gryphon GM4600 (Datalogic STAR Cordless System)	Working frequency: ISM Bands, 433.92 MHz and 915 MHz; Effective Radiated Power @433,92 Mhz < 10 dBm; Effective Radiated Power @915 Mhz < 15 dBm; Configurations: Point to Point and Point to Multipoint. Max. Readers per Radio Receiver: 16; Two Way Communications Radio Range: 50.0 m / 164.0 ft minimum (Open Air)

DECODING CAPABILITY

1D / Linear Codes	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D Codes	Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code; Dot Code; GS1 Digital Link
Postal Codes	Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Postnet; Royal Mail Code (RM4SCC)
Stacked Codes	EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites
Digital Watermarking	Digimarc Barcodes
OCR	OCR-A, OCR-B, MICR

CORDLESS MODELS ELECTRICAL

Battery	Battery Type: Lithium-Ion: 3,250 mAh Charge Time: from empty to full 3,5 hours; from 10% to 80% 2 hours (@ 12 VDC external power) Number of scans from full charge: +80,000
SuperCap Capacitor	Capacity: 1000 F Charge time: from empty to full 30 min ; from 10% to 80% 10 min. (@ 12 VDC ext. power); Number of scans from full charge: 7,000
Cradle Indicator LEDs	Battery/SuperCap Charging (flashing orange); Charge Completed (steady green)
Current	Charging (Typical): < 6 W; Scanner only: 300 mA @ 3.7 V (Operative) Cradle only: 100 mA @ 5 V (Operative)
Input Voltage (Cradle)	4.5 - 14 VDC +/- 5% (WLC4090/WLC4190/WLC4690)

CODED MODELS ELECTRICAL

Current	Operating: <300 mA @ 5V; < 150 mA @ 12V Standby/Idle: < 70 mA @ 5V; <40 mA @ 12V
Input Voltage	GD4690 (HP models): 4.5 - 14.0 VDC +/- 5% GD4620 (HD models): 5 VDC +/- 5%

ENVIRONMENTAL

Ambient Light	0 - 110,000 lux
Drop Resistance	Withstands repeated drops from 1.8 m / 6.0 ft onto a concrete surface.
Tumble Specification	Designed to withstand 2,000 1.5 ft/0.5 m tumbles
Trigger Resistance	Withstands 10 Mhits
ESD Protection (Air Discharge)	16 kV
Humidity (Non-Condensing)	0 - 95%
Particulate and Water Sealing	IP52
Temperature	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F

INTERFACES

Interfaces	CORDLESS MODELS: WLC4690: USB Type C / USB / RS-232 Multi-Interface CODED MODELS: GD4620 (HD models): USB type C / USB only GD4690 (HP models): USB type C / USB / RS-232 Multi-Interface
-------------------	---

PHYSICAL CHARACTERISTICS

Colors Available	Black, White
Dimensions	18 x 6.5 x 7.9 cm / 7.1 x 2.6 x 3.1 in (corded/cordless models) 21 x 7.5 x 10.9 cm / 8.2 x 2.9 x 4.2 in (corded models with presentation mode base)
Weight	144 g / 5.1 oz (corded models) 426 g / 15.0 oz (corded models with presentation mode base) 218 g / 7.7 oz (cordless models, battery included)

READING PERFORMANCE

Image Capture	Graphic Formats: BMP, JPEG, TIFF; Greyscale: 256, 16, 2
Imager Sensor	High Performance models (HP, dual sensor): 1.5 Megapixel (1360 x 1120 pixels) + VGA (640 x 600 pixels) High Density models (HD, single sensor): 1.5 Megapixel (1360 x 1120 pixels)
Light Source	Aiming: LED Green central cross Illumination: dual color Warm White and Hyper Red LED
Motion Tolerance	70 IPS
Print Contrast Ratio (Minimum)	15%
Reading Angle	Pitch: +/- 65°; Roll (Tilt): 360°; Skew (Yaw): +/- 65°
Reading Indicators	Beeper (adjustable tone); Good-read feedback: Datalogic 'Green Spot' on the Code; Good-read LED; Vibration feedback option (cordless models)
Resolution (Maximum)	1D Linear: 0.077 mm / 3 mils; PDF417: 0.077 mm / 3 mils; Data Matrix: 0.102 mm / 4 mils

READING RANGES

Typical Depth of Field	Label size, printing resolution, contrast, and ambient light dependent. (*) Minimum distance determined by symbol length and scan angle.
High Performance Models (HP)	High Density Models (HD)
Code 39: 3 mils: 2.5 to 20.0 cm / 1.0 to 7.9 in Code 39: 5 mils: 0.5 to 35.0 cm / 0.2 to 13.8 in Code 39: 10 mils: 0(*) to 60.0 cm / 0(*) to 23.6 in Code 39: 20 mils: 0(*) to 125.0 / 0(*) to 49.2 in Code 128: 3 mils: 3.5 to 14.5 cm / 1.4 to 5.7 in Code 128: 5 mils: 1.5 to 30.0 cm / 0.6 to 11.8 in EAN/UPC: 13 mils: 0(*) to 100.0 cm / 0(*) to 39.4 in PDF417: 5 mils: 2.5 to 17.0 cm / 1.0 to 6.7 in PDF 417: 10 mils: 0.5(*) to 38.5 cm / 0.2(*) to 15.2 in Data Matrix: 5 mils: 3.5 to 10.0 cm / 1.4 to 3.9 in Data Matrix: 10 mils: 0.5(*) to 29.5 cm / 0.2(*) to 11.6 in QR Code: 10 mils: 0.5(*) to 25.0 cm / 0.2(*) to 9.8 in	Code 39: 3 mils: 2.5 to 15.0 cm / 1.0 to 5.9 in Code 39: 5 mils: 0.5 to 22.0 cm / 0.2 to 8.7 in Code 39: 10 mils: 0(*) to 35.0 cm / 0(*) to 13.8 in Code 39: 20 mils: 0(*) to 52.0 / 0(*) to 20.5 in Code 128: 3 mils: 3.5 to 11.5 cm / 1.4 to 4.5 in Code 128: 5 mils: 1.5 to 20.0 cm / 0.6 to 7.9 in EAN/UPC: 13 mils: 0(*) to 50.0 cm / 0(*) to 19.7 in PDF417: 5 mils: 2.5 to 15.0 cm / 1.0 to 5.9 in PDF 417: 10 mils: 0.5(*) to 27.0 cm / 0.2(*) to 10.6 in Data Matrix: 5 mils: 3.5 to 10.0 cm / 1.4 to 3.9 in Data Matrix: 10 mils: 0.5(*) to 20.0 cm / 0.2(*) to 7.9 in QR Code: 10 mils: 0.5(*) to 20.0 cm / 0.2(*) to 7.9 in

SAFETY & REGULATORY

Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications.
Environmental Compliance	Complies to China RoHS; Complies to EU RoHS

UTILITIES

Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge.
Datalogic Connect	The next-generation IoT cloud platform that empowers organizations to remotely control, manage, and gain actionable insights from all their deployed Datalogic devices.
OPoS / JavaPOS / SDK	JavaPOS, OPoS and SDK for Android Utilities are available for download at no charge.
Remote Host Download	Lowers service costs and improves operations

WARRANTY

Warranty	5-Year Factory Warranty (corded models) 3-Year Factory Warranty (cordless models)
-----------------	--