



## 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 ermüdfreies 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 Auslösezylinder 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

<b>Gryphon GBT4600</b> (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
<b>Gryphon GM4600</b> (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

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

## CORDLESS MODELS ELECTRICAL

<b>Battery</b>	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
<b>SuperCap Capacitor</b>	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
<b>Cradle Indicator LEDs</b>	Battery/SuperCap Charging (flashing orange); Charge Completed (steady green)
<b>Current</b>	Charging (Typical): < 6 W; Scanner only: 300 mA @ 3.7 V (Operative) Cradle only: 100 mA @ 5 V (Operative)
<b>Input Voltage (Cradle)</b>	4.5 - 14 VDC +/- 5% (WLC4090/WLC4190/WLC4690)

## CORDED MODELS ELECTRICAL

<b>Current</b>	Operating: <300 mA @ 5V; < 150 mA @ 12V Standby/Idle: < 70 mA @ 5V; <40 mA @ 12V
<b>Input Voltage</b>	GD4690 (HP models): 4,5 - 14,0 VDC +/- 5% GD4620 (HD models): 5 VDC +/- 5%

## ENVIRONMENTAL

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

## INTERFACES

<b>Interfaces</b>	<b>CORDLESS MODELS:</b> WLC4690: USB Type C / USB / RS-232 Multi-Interface <b>CORDED MODELS:</b> GD4620 (HD models): USB type C / USB only GD4690 (HP models): USB type C / USB / RS-232 Multi-Interface
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## PHYSICAL CHARACTERISTICS

<b>Colors Available</b>	Black, White
<b>Dimensions</b>	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)
<b>Weight</b>	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

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

## READING RANGES

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

## SAFETY & REGULATORY

<b>Agency Approvals</b>	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.
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<b>Environmental Compliance</b>	Complies to China RoHS; Complies to EU RoHS
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## UTILITIES

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

## WARRANTY

<b>Warranty</b>	5-Year Factory Warranty (corded models) 3-Year Factory Warranty (cordless models)
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