



Datalogic Gryphon 4200 – Ideal für alle 1D-Barcodes



Schnelle und sichere Erfassung von 1D-Codes

Der Gryphon 4200 erfasst alle 1D-Barcodes äußerst schnell und zuverlässig, von kleinsten High-Density-Codes bis zu großen Palettenetiketten. Dies steigert die Effizienz in verschiedenen Anwendungen, von der Kasse im Einzelhandel bis zur Lagerverwaltung.



Ergonomisches Design mit innovativer "Soft Line" für einfaches Zielen

Barcode-Scannen ist mit dem Datalogic Gryphon 4200 überaus einfach: mittels Bewegungssensoren wird das Gerät automatisch aktiviert und gleich mehrere Arten von Feedback zeigen die erfolgreiche Erfassung an.



Erkennung von beschädigten oder verschmutzten Barcodes aus Winkeln von bis zu 65°

Dank fortschrittlicher Dekodierungstechnologie kann der Gryphon 4200 selbst beschädigte oder verschmutzte Barcodes aus Winkeln von bis zu 65° zuverlässig lesen. Dies minimiert die Notwendigkeit für manuelle Eingaben und reduziert Fehler.



Drahtlose Verbindung durch Bluetooth oder Datalogic STAR mit Reichweiten von bis zu 100 Metern

Die kabelgebundenen Modelle sind als USB-C, USB, RS-232 und Keyboard Wedge erhältlich.



Widerstandsfähiges Gehäuse, das mit Desinfektionsmitteln gereinigt werden kann

Das robuste Gehäuse des Gryphon 4200 ist so konzipiert, dass es regelmäßiger Reinigung mit Desinfektionsmitteln standhält, was es ideal für den Einsatz in hygienisch sensiblen Bereichen wie dem Gesundheitswesen macht.

Eigenschaften

Lesbare Codes: 1D, Databar

Leseabstand: 5 - 90 cm

Konnektivität: USB-C, USB, RS-232, Keyboard Wedge
/ Bluetooth, Datalogic STAR

Akku: 80.000 Scans / Ladung, Wireless Charging

Schutz: IP52, bis 1,8 m sturzsicher

Betriebstemperatur: 0 - 50 °C

Abmessungen: 166 x 68 x 109 mm

Gewicht: 163 / 235 g

Optionales Zubehör

Dockingstation

Dockingstation Präsentationsmodus

Halterung

Wandhalterung

Präsentationsständer

DECODING CAPABILITY

1D / Linear Codes	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
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ELECTRICAL

Current	Operating (Typical): <350 mA @ 5V; <150 mA @ 12V Standby/Idle (Typical): <60 mA @ 5V; <30 mA @ 12V
Input Voltage	GD4220: 5 VDC +/- 5% GD4290: 4.5 - 14.0 VDC

ENVIRONMENTAL

Ambient Light	0 - 130,000 lux
Drop Resistance	Withstands repeated drops from 1.8 m / 6.0 ft onto a concrete surface.
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	GD4220: USB type C / USB only GD4290: USB type C / USB / RS-232 / Keyboard Wedge Multi-Interface
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PHYSICAL CHARACTERISTICS

Colors Available	Black; White
Dimensions	Scanner: 16.6 x 6.8 x 10.9 cm / 6.5 x 2.7 x 4.3 in In Stand: 21 x 7.5 x 10.9 cm / 8.2 x 2.9 x 4.2 in
Weight	163.0 g / 5.75 oz (scanner only)

READING PERFORMANCE

Imager Sensor	CCD Solid-State
Light Source	Illumination: Dual LED Array 612 - 630 nm
Read Rate (Maximum)	1,000,000 pixel/sec (400 reads/sec)
Print Contrast Ratio (Minimum)	15%
Reading Angle	Pitch: +/- 65°; Roll (Tilt): +/- 45°; Skew (Yaw): +/- 65°
Reading Indicators	Beeper (adjustable tone); Datalogic Three Green Lights (3GL) Good Read Feedback; Datalogic 'Green Spot' on the Code, Dual Good Read LEDs
Resolution (Maximum)	0.077 mm / 3 mils

READING RANGES

	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.
GD4200	
Typical Depth of Field	Code 39: 5 mils: 5 to 37 cm / 2.0 to 14.6 in Code 39: 7.5 mils: 5 to 54 cm / 2.0 to 21.3 in Code 39: 10 mils: 5 to 73.5 cm / 2.0 to 28.9 in Code 39: 20 mils: 2.5 to 147 cm / 1 to 57.9 in EAN/UPC: 13 mils: 3.5 to 90 cm / 1.4 to 35.4 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
LED Classification	Exempt group according to IEC 62471

UTILITIES

Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge.
OPoS/JavaPOs	JavaPOs and OPoS Utilities are available for download at no charge.
Remote Host Download	Lowers service costs and improves operations

WARRANTY

Warranty	5-Year Factory Warranty
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WIRELESS COMMUNICATIONS	
Datalogic STAR Cordless System™	Effective Radiated Power: 433.92 MHz: < 6.3 mW; 910 MHz: < 50 mW Multi-Point Configuration: Max. Readers per Radio Receiver: 16; Point-to-Point Configuration; Radio Frequency: 433.92 MHz; 910 MHz; Two Way Communications Radio Range (Open Air): 50.0 m / 164.0 ft
Bluetooth Wireless Technology	Piconet: Max. Readers per Radio Receiver: 7 Profiles: SPP (Serial Port Profile) Protocol: Bluetooth 4.0 with BLE Certified Class 1, Class 2 and Class 3; Radio Frequency: 2.4 GHz Radio Range (Open Air): 100.0 m / 328.0 ft; Range distances are measured using the base station. Range with connection to other Bluetooth peripherals may show different results. Security: Data Encryption; Scanner Authentication
DECODING CAPABILITY	
1D / Linear Codes	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
ELECTRICAL	
Battery	Battery Type: Lithium-Ion: 2550 mAh Charge Time: External Power: 4 Hours @ 12 VDC; Reads per Charge: 80,000
Cradle Indicator LEDs	Battery Charging (flashing orange); Charge Completed (steady green)
Current	Charging (with WLC4190): < 1200 mA (Maximum); Scanner only: Max 750 mA (from battery) Cradle only: (WLC4190): 80 mA @ 5 V (Operative)
Input Voltage (Cradle)	4.5 - 14 VDC +/- 5% (WLC4190/WLC4090)
ENVIRONMENTAL	
Ambient Light	0 - 130,000 lux
Drop Resistance	Withstands repeated drops from 1.8 m / 6.0 ft onto a concrete surface.
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: -40 to 70 °C / -40 to 158 °F
INTERFACES	
Interfaces	WLC4190: USB Type C / USB / RS-232 / Keyboard Wedge Multi-Interface WLC4090: USB / RS-232 / Keyboard Wedge Multi-Interface

PHYSICAL CHARACTERISTICS	
Colors Available	Black; White
Dimensions	16.6 x 6.8 x 10.9 cm / 6.5 x 2.7 x 4.3 in
Weight	235 g / 8.29 oz
READING PERFORMANCE	
Imager Sensor	CCD Solid-State
Light Source	Illumination: Dual LED Array 612 - 630 nm
Read Rate (Maximum)	1,000,000 pixel/sec (400 reads/sec)
Print Contrast Ratio (Minimum)	15%
Reading Angle	Pitch: +/- 65°; Roll (Tilt): +/- 45°; Skew (Yaw): +/- 65°
Reading Indicators	Beeper (adjustable tone); Datalogic Three Green Lights (3GL) Good Read Feedback: Datalogic 'Green Spot' on the Code, Dual Good Read LEDs
Resolution (Maximum)	0.077 mm / 3 mils
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Typical Depth of Field	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. GM/GBT4200 Code 39: 5 mils: 5.0 to 37 cm / 2.0 to 14.6 in Code 39: 7.5 mils: 5.0 to 54 cm / 2.0 to 21.3 in Code 39: 10 mils: 5.0 to 73.5 cm / 2.0 to 28.9 in Code 39: 20 mils: 2.5 to 147 cm / 1 to 57.9 in EAN/UPC: 13 mils: 3.5 to 90 cm / 1.4 to 35.4 in
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Environmental Compliance	Complies to China RoHS; Complies to EU RoHS
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UTILITIES	
Datalogic Aladdin™	Datalogic Aladdin configuration program is available for download at no charge.
OPOS/JavaPOS	JavaPOS and OPOS Utilities are available for download at no charge.
Remote Host Download	Lowers service costs and improves operations
WARRANTY	
Warranty	3-Year Factory Warranty