Datalogic Magellan 3410VSi & 3450VSi

barcotec
YOUR DIGITAL ENABLING SPECIALIST.

Datalogic Magellan 3410VSi & 3450VSi – Kompakte High-Performance für kurze Wartezeiten

Optimale Barcode-Scan-Performance und großer Lesebereich
Reduziert Wartezeiten an der Kasse und steigert die Effizienz im täglichen Betrieb.

Zuverlässige Erfassung aus allen Winkeln, auch bei beschädigten oder schlecht gedruckten Barcodes
Dank der fortschrittlichen Scan-Engine können die Scanner Barcodes aus verschiedenen Winkeln lesen, selbst wenn diese beschädigt oder schlecht gedruckt sind. Dies gewährleistet eine hohe Zuverlässigkeit und minimiert Fehler bei der Datenerfassung.

Optionaler Customer Service Scanner für Unterschriften und Ausweise
Besonders nützlich für Anwendungen, die eine Identitätsprüfung oder Dokumentation erfordern.

Flexible Anschlussmöglichkeiten für problemlose Integration in bestehende IT-Infrastruktur
Die Scanner bieten vielfältige Anschlussoptionen, darunter USB Keyboard, USB COM, OEM USB und RS-232. Dies erleichtert die Integration in bestehende IT-Systeme und ermöglicht eine nahtlose Implementierung ohne umfangreiche Anpassungen.

Programmierung und Aktualisierung direkt am Gerät oder per Remotezugriff
Die moderne Software kann direkt am Gerät mittels MicroSD Karten programmiert und aktualisiert werden. Oder die komplette Verwaltung und Diagnose erfolgt remote, die Datalogic Software ist mit zahlreichen Unified Endpoint Management-Systemen kompatibel.

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Eigenschaften

Lesbare Codes: 1D, 2D, Stapel, Post, Digimarc (3450VSi)

Leseabstand: 0 - 20 cm

Lesehöhe: 14 cm

Lesewinkel: Neigung vertikal +/- 65°, Rotation: 0 - 360°, Neigung horizontal: +/- 75°

Umgebungslicht: 0 - 86100 Lux

Beleuchtung: Mehrere diffundierte LEDs

Feedback: LED, Beeper, Lautsprecher (3450VSi)

Zusätzliche Features: USB Auxiliary, Bilderfassung, Micro SD Kartenslot

Anbindung: USB Keyboard, USB COM, OEM USB, RS-232, RS-232 Diebold-Nixdorf Beetle

Stromversorgung: AC: 100 – 240 V, DC: 5-12V, 5V USB-A

Schutz: IP52

Betriebstemperatur: 10 – 40 °C

Abmessungen (B x L x H): 13,7 x 15,2 x 9,4 cm

Gewicht: 600 g

Optionales Zubehör

Tisch- / Wandhalterung

Neigbare Halterung

Customer Service Scanner

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DECODING CAPABILITY	
1D / Linear Codes	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D Codes	Aztec Code, Data Matrix, QR Code
Stacked Codes	GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; Micro PDF417, PDF417
Digital Watermarks	Optional support for Digimarc® Barcodes / GS1 DW Code
ELECTRICAL	
Power Requirements	AC Input: 100-240 VAC, 50-60 Hz DC Input: 5-12V
Power Consumption	Maximum: 2.25W @ 5V; 3.3W @ 12V Typical (RMS): 1.6W @ 5V; 2.1W @ 12V Sleep Mode (RMS): 0.95W @ 5V; 1.25W @ 12V
ENVIRONMENTAL	
Ambient Light	0 to 86,100 lux
ESD Protection (Air Discharge)	25 kV
Humidity (Non-Condensing)	5 - 95%
Particulate and Water Sealing	IP52
Temperature	Operating: 10 to 40 °C / 50 to 104 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F
INTERFACES	
Interfaces	OEM (IBM) USB; RS-232; USB Keyboard, USB Com, USB TEC
Auxiliary Ports	Powered Type A USB (USB Com requires power supply or 12V Host power)
PHYSICAL CHARACTERISTICS	
Dimensions	Magellan Model 3410VSi: 13.7 x 15.2 x 9.4 cm / 5.4 x 6.0 x 3.7 in
Weight	0.6 kg /1.3 lb

READING PERFORMANCE	
Image Capture	Graphic Formats: BMP, JPEG
Image Sensor	1 MP; 1280 x 800 pixels; Graphic Formats: JPEG, BMP
Light Source	Multiple diffused LEDs, orientation and wavelength optimized for eye comfort
Print Contrast Ratio (Minimum)	25%
Read Height	14.0 cm / 5.5 in
Read Rate (Maximum)	30 Million pixels per second
Reading Angle	Pitch: +/- 65°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 75°
Reading Indicators	Audio beeper with adjustable tone and volume; Good Read LED; Good Transmission
Resolution (Maximum)	5 mil
READING RANGES	
Typical Depth of Field	Printing resolution, symbol length, scan angle, contrast and ambient light dependent. **1D / Linear Codes** 5 mils: 0 to 6.4 cm / 0 to 2.5 in 10 mils: 0 to 15.2 cm / 0 to 6.0 in 13 mils: 0 to 20.3 cm / 0 to 8.0 in **2D Codes (Optional)** 6.6 mils: PDF: 0 to 5.1 cm / 0 to 2.0 in 10 mils: PDF: 0 to 12.7 cm / 0 to 5.0 in 10 Mils: Data Matrix: 0 to 6.4 cm / 0 to 2.5 in 20 Mils: Data Matrix: 0 to 18.0 cm / 0 to 7.0 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	EN62471 and IEC62471 Lamp Illumination Exempt Group
UTILITIES	
Scanalyzer	Magellan Scanalyzer configuration software is available for download at www.datalogic.com.
OPOS / JavaPOS	OPOS and JavaPOS utilities are available for download at no charge.
WARRANTY	
Warranty	3-Year Factory Warranty

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1D / Linear Codes	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D Codes	Aztec Code, Data Matrix, QR Code
Postal Codes	Australian Post; British Post; Canadian Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Portuguese Post; Postnet; Royal Mail Code (RM4SCC); Swedish Post
Stacked Codes	GS1 DataBar Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; Micro PDF417, PDF417
Digital Watermarks	Optional support for Digimarc® Barcodes / GS1 DW Code
ELECTRICAL	
Power Requirements	AC Input: 100-240 VAC, 50-60 Hz DC Input: 5-12 V
Power Consumption	Operating (Maximum): 3.8 Watts; Operating (Nominal): 3.6 Watts Sleep Mode: 3.0 Watts
ENVIRONMENTAL	
Ambient Light	0 to 86,100 lux
ESD Protection (Air Discharge)	25 kV
Humidity (Non-Condensing)	5 - 95%
Particulate and Water Sealing	IP52
Temperature	Operating: 10 to 40 °C / 50 to 104 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F
INTERFACES	
Interfaces	OEM (IBM) USB; RS-232; USB Keyboard, USB Com
Auxiliary Ports	Powered Type A USB (USB Com)
PHYSICAL CHARACTERISTICS	
Dimensions	Magellan Model 3450VSi: 13.7 x 15.2 x 9.4 cm / 5.4 x 6.0 x 3.7 in
Weight	0.6 kg /1.3 lb

READING PERFORMANCE	
Image Capture	Graphic Formats: BMP, JPEG
Image Sensor	1280 x 1024
Light Source	Multiple diffused LEDs, orientation and wavelength optimized for eye comfort
Print Contrast Ratio (Minimum)	25%
Read Height	14.0 cm / 5.5 in
Read Rate (Maximum)	39 Million pixels per second
Reading Angle	Pitch: +/- 65°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 75°
Reading Indicators	Audio speaker with adjustable tone and volume, supports .wav files; Good Read LED; Good Transmission
Resolution (Maximum)	5 mil
READING RANGES	
Typical Depth of Field	Printing resolution, symbol length, scan angle, contrast and ambient light dependent. **1D / Linear Codes** 5 mils: 3.8 to 8.1 cm / 1.5 to 3.2 in 7.5 mils: 1.3 to 11.4 cm / 0.5 to 4.5 in 10 mils: 0 to 15.2 cm / 0 to 6.0 in 13 mils: 0 to 20.3 cm / 0 to 8.0 in **2D Codes** 6.6 mils: PDF: 3.8 to 10.2 cm / 1.5 to 4.0 in 10 mils: PDF: 0 to 12.7 cm / 0 to 5.0 in 10 mils: Data Matrix: 1.3 to 6.4 cm / 0.5 to 2.5 in 20 mils: Data Matrix: 0 to 18.0 cm / 0 to 7.0 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	EN62471 and IEC62471 Lamp Illumination Exempt Group
UTILITIES	
Scanalyzer	Magellan Scanalyzer configuration software is available for download at www.datalogic.com.
OPOS / JavaPOS	OPOS and JavaPOS utilities are available for download at no charge.
WARRANTY	
Warranty	3-Year Factory Warranty