

Datalogic Magellan 3510HSi & 3550HSi



Datalogic Magellan 3510HSi & 3550HSi – Low space requirement - highest performance

- ✓ Powerful scanning technology for high scanning frequency and precision
- ✓ Recognition of 1D, 2D and Digimarc codes
- ✓ Large reading area and adaptive lighting without flickering and reflections
- ✓ Robust stainless steel construction and scratch-resistant sapphire crystal
- ✓ Wide range of connection options and comprehensive software equipment for easy installation and commissioning

Datalogic Magellan 3510HSi & 3550HSi



Features

Readable codes: 1D, 2D, stack, Digimarc

Reading height: 10.2 cm

Ambient light: 0 to 86,100 lux

Illumination: Multiple diffused LEDs

Feedback: LED, beeper, speaker (3550HSi)

Additional features: USB auxiliary, image capture, Micro SD card slot

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

Power supply: AC: 100-240 V, DC: 5-12 V, 5V USB-A

Protection: IP52

Operating temperature: 10 - 40 °C

Dimensions (W x L x H): 15.2 x 15.2 x 8.7 cm

Weight: 0.98 kg

Optional accessories

Mounting frame

Mounting frame with accessories for Magellan HS1250 cut-out

Customer Service Scanner

Datalogic Magellan 3510HSi & 3550HSi

DECODING CAPABILITY

1D / Linear Codes	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D Codes	Aztec Code; Data Matrix (ECC200 only); QR Code
Stacked Codes	GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MicroPDF417; 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

OPTIONAL FEATURES

EAS Features	Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IX and Evolve D11 models; Sensormatic: Good Read Acknowledgement
Value Added Features	Diagnostic Reporting; Host Download; Magellan ULE Scripting

PHYSICAL CHARACTERISTICS

Dimensions	Magellan Model 3510HSi: Depth (Below Counter): 8.7 cm / 3.4 in Length: 15.2 cm / 6.0 in Width: 15.2 cm / 6.0 in
Weight	0.98 kg / 2.16 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	10.2 cm / 4.0 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

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	JavaPOS Utilities are available for download at no charge. OPOS Utilities are available for download at no charge.

WARRANTY

Warranty	3-Year Factory Warranty
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DEKODIERMÖGLICHKEITEN	
1D / Lineare Codes	Automatische Erkennung aller Standard Linearcodes und linearer GS1 DataBar™ Codes.
2D Codes	Aztec Code; Data Matrix (ECC200 only); QR Code
Stapelcodes	GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MicroPDF417; PDF417
Digitale Wasserzeichen Elektrik	Erfassung von Digimarc Barcode/GS1 DW Code optional erhältlich
ELEKTRIK	
Stromversorgung	AC Eingang: 100-240 VAC, 50-60 Hz DC Eingang: 5-12 V
Stromverbrauch	Betrieb (maximal): 4,0 Watts Betrieb (normal): 3,0 Watts Sleep Mode: 2,8 Watts
UMGEBUNGSBEDINGUNGEN	
Umgebungslicht	0 bis 86.100 lux
ESD Schutz (Luftentladung)	25 kV
Luftfeuchtigkeit (nicht kondensierend)	5 - 95%
Schutzklasse	IP52
Temperatur	Betrieb: 10 bis 40 °C / 50 bis 104 °F Lager/Transport: -40 bis 70 °C / -40 bis 158 °F
SCHNITTSTELLEN	
Schnittstellen	OEM (IBM) USB; RS-232; USB Keyboard, USB Com
Schnittstellen Anschlüsse	Typ A USB (USB COM)
OPTIONALE FUNKTIONEN	
EAS Eigenschaften	Checkpoint Systeme: Integrierte EAS Hardware arbeitet mit Counterpoint IX und Evolve D11 Modellen; Sensormatic: Good Read Bestätigung
Zusatzfunktionen	Diagnose Report; Host Download; Magellan ULE Scripting
PHYSIKALISCHE EIGENSCHAFTEN	
Abmessungen	Magellan Model 3550HSi: Tiefe (unter Kassentisch): 8,7 cm / 3,4 in Länge: 15,2 cm / 6,0 in Breite: 15,2 cm / 6,0 in
Gewicht	0,98 kg / 2,16 lb

LESELEISTUNG	
Bilderfassung	Grafikformate: BMP, JPEG
Bildsensor	1280 x 1024
Lichtquelle	Verschiedene, diffundierte LED's, Ausrichtung und Wellenlänge für hohen Anwenderkomfort
Druckkontrast (Minimum)	25%
Lesehöhe	10,2 cm / 4,0 in
Leserate (Maximum)	39 Millionen Pixel pro Sekunde
Leseanzeigen	Lautsprecher mit einstellbarem Ton und Lautstärke, unterstützt wav-Dateien, good read LED, good transmission
Auflösung (Maximum)	5 mil
SICHERHEIT & ZERTIFIZIERUNG	
Amtliche Genehmigungen	Das Produkt besitzt für den bestimmungsgemäßen Gebrauch alle notwendigen Zulassungen bezüglich Sicherheit.
Umweltschutzauflagen	Entspricht China ROHS; Entspricht EU ROHS
LED Klassifizierung	EN62471 und IEC62471 Beleuchtung - Exempt Group
NÜTZLICHE SOFTWARE UTILITIES	
Scanalyzer	Scanalyzer Konfigurations-Software für Magellan ist über www.datalogic.com verfügbar
OPoS / JavaPOs	JavaPOs und OPoS Utilities stehen kostenlos zum Download zur Verfügung.
GEWÄHRLEISTUNG	
Gewährleistung	3 Jahre