



MS7580 Genesis™

Metrologic's MS7580 Genesis™, the world's first presentation area imager engineered to decode all standard 1D, PDF and 2D codes, provides enhanced productivity and revolutionary imaging technology in an elegant, yet durable design.

Metrologic's MS7580 Genesis is destined to redefine industry standards for imaging solutions. Breakthrough performance and a versatile form factor make this product suitable for environments ranging from manufacturing to retail POS.

Patented CodeGate® technology along with a centrally-located activation button support menu-scanning and other targeted-scanning applications.

Unlike other scanners with multiple on-board interfaces, the MS7580 has four dedicated memory banks - each one capable of storing

full configuration settings for RS232, keyboard wedge, USB and 46xx RS485 interfaces.

Automatic cable detection and configuration simplifies migration to a new interface by eliminating the need to scan programming bar codes. Three additional patented technologies augment the MS7580's unmatched feature set:

FirstFlash™ technology along with shielded LEDs minimize the intense flashing common among other area imagers.

Code Select® allows the MS7580 to capture up to seven bar codes in a single flash and outputs data in any predetermined order.

TotalFreedom™ offers unlimited possibilities for developing value-added custom application modules embedded directly into the MS7580 instead of the host system.

www.metrologic.com/MS7580

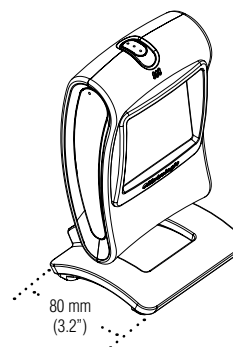
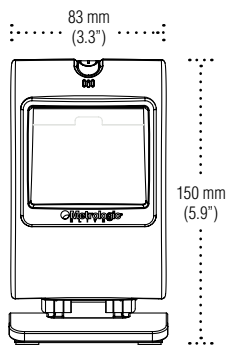


Features

- Motion Tolerance
- Multiple On-Board Interfaces
- TotalFreedom™ Open-System Architecture
- FirstFlash®
- CodeSelect™

Benefits

- Aggressively reads bar codes passing by the scan window
- Reduces overall system cost
- Simplifies installation by loading custom application modules directly to imager instead of host
- Increases productivity by scanning all standard bar codes on first LED flash
- Scans up to 7 bar codes in one scan and outputs data in any pre-determined order



OPERATIONAL

Light Source	LED 645 nm + 7.5 nm
Decode Capability	Autodiscriminates all standard 1-D, GS1, PDF417, microPDF, MaxiCode, Data Matrix, QR Code, UCC, EAN Composites, Postals, Aztec
System Interfaces	PC Keyboard Wedge, RS232, 46xx RS485, USB
Beeper Operation	7 tones or no beep
Indicators (LED)	Blue unit powered, ready to scan; White = good read

MECHANICAL

Height	150 mm (5.9")
Depth	80 mm (3.2")
Width	83 mm (3.3")
Weight	340 g (12 oz)
Termination	10 pin modular RJ45
Cable	Standard 2.9 m (9.5') straight

ELECTRICAL

Input Voltage	12 V
Power	Operating: 2.3 W Standby: 1.7 W
Current	Operating: 192 mA Standby: 142 mA
DC Transformers	12 V @ 1.25A
EMC	FCC Class B, IEC60825-1 LED Safety
LED Class	Class 1; IEC60825-1:1993/A1:1997+A2:2001 Class 1; EN60825-1:1994/A11:1996+A2:2001

ENVIRONMENTAL

Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	0% to 95% relative humidity, non-condensing
Light Levels	Up to 100,000 Lux (9,290 footcandles)
Shock	Designed to withstand 1.5 m (5') drops

Product Colors Available

Graphite Grey



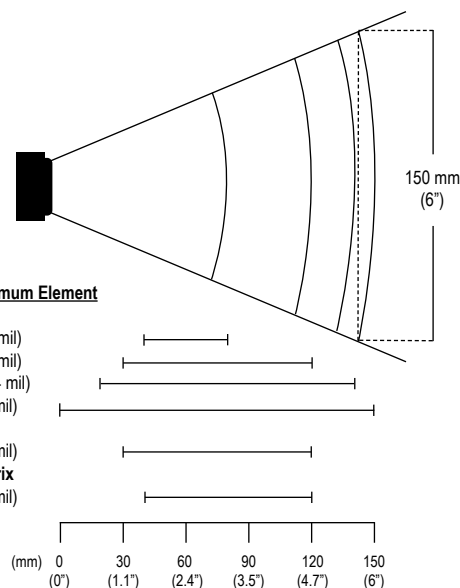
Onyx Black

MS7580 is available in a variety of other colors with minimum quantity purchase.

SCAN PERFORMANCE

Depth of Scan Field	0 mm - 150 mm (0" - 6") for 0.33 mm (13 mil)
Field of View	65 mm x 39 mm (2.5" x 1.5") @ 0 mm (0"); 194 mm x 116 mm (7.6" x 4.8") @ 150 mm (6")
Minimum element width	1D: 0.1 mm (4 mil) PDF: 0.127 mm (5 mil) 2D: 0.190 mm (7.5 mil)
Minimum element width, 2D	0.254 mm (10 mil)
Motion Tolerance	200 cm/sec (78"/sec) for 0.33 mm (13 mil) @ 10 cm (4")
Resolution	1280 x 768
Print Contrast	20% minimum reflectance difference
Roll, Pitch, Yaw	360°, 70°, 75°

Scan Area



Revision: All



Sunrise 2005 Compliant





www.logiscenter.com
902 050 030



www.logiscenter.it
02 479 216 97



www.logiscenter.de
info@logiscenter.de



www.logiscenter.pt
308 800 842

About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

Largest stock. We have a permanent stock of more than 12,000 products.

Same-day shipping. For all orders placed and confirmed before 16:00 on working days.

Best prices. With Logiscenter, you can be sure that you are paying a fair price for your products we will not overcharge you.

Easy returns. Damaged or defective products can be returned easily, for an exchange or reimbursement.

Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health



Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

Our Brands



MOTOROLA



Intermec®

Honeywell®

DATALOGIC™



datamax • o'neil

Metrologic

LXE

EPSON®

elo

star

unitech

PRINTRONIX

symbol®



All Brands
Technical Service