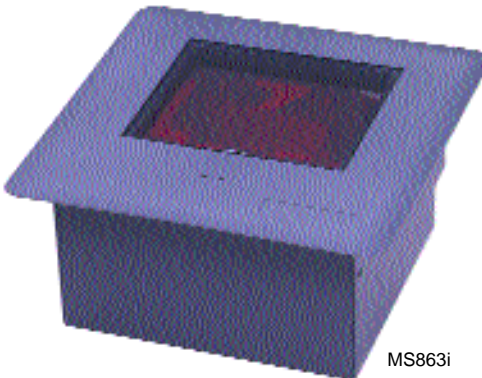


MS860i



MS863i



**MS860i and MS863i** omnidirectional, in-counter laser bar code scanners are high-speed and aggressive with a history of reliable performance. The compact, durable housing of the Mini-Slot is nearly half the size and weight of traditional in-counter scanners.

# MS860i/MS863i Mini-Slot®

## Features

### Both Models

- **High first-pass read rate**
- **Easy to install and program**
- **Optional hand-held port**
- **Optional hardened glass**
- **Optional USB Interface (with MX009)**

### MS860i Only

- **Stainless steel top plate**
- **“Touch-on” power save mode**

### MS863i Only

- **High-impact plastic top plate**
- **Auto “wake-up” using IR control**

MS860i with stainless steel top plate



## Metrologic’s MS860i and MS863i

laser bar code scanners are high-speed, aggressive in-counter scanners with a history of reliable performance and quality. The Mini-Slot is one of the most efficient, affordable slot scanners in the industry. Designed for use where counter space is limited, the compact, durable housing is nearly half the size and weight of traditional in-counter scanners.

Mini-Slot scanners are available with a stainless steel (MS860i) or high-impact plastic (MS863i) top plate. A large omnidirectional scan pattern

and high first-pass read rate make these scanners ideal for pass-through scanning. Mini-Slot autodiscriminates all standard bar codes and can read damaged or truncated codes on the first pass, making it ideal for reclamation and coupon redemption applications.

Mini-Slot is available with full RS232, OCIA, Light Pen Emulation, IBM 46xx and Keyboard Wedge interfaces. Metrologic also offers a patented hand-held option, which allows users to connect a hand-held scanner to Mini-Slot for greater scanning versatility.

MS863i with high-impact plastic top plate



Both models available with optional handheld scanner port



# MS860i/MS863i Mini-Slot®

## OPERATIONAL

Light Source	Visible Laser Diode 650 nm ± 10 nm
Laser Power	0.525 mW (peak)
Depth of Scan Field (programmable)	0 mm - 203 mm (0" to 8") for 0.33 mm (13 mil) bar code
Width of Scan Field	152 mm (6") @ 76 mm (3"); 203 mm (8") @ 165 mm (6.5")
Scan Speed	2000 scan lines per second
Scan Pattern	5 fields of 4 parallel lines (omnidirectional)
Minimum Bar Width	0.191 mm (7.5 mil)
Decode Capability	Autodiscriminates all standard bar codes; for other symbologies call Metrologic
System Interfaces	RS232, OCIA, OCR A/B Parallel, IBM 468X/469X, Light Pen Emulation, Point-to-Point RS422, Keyboard Wedge, USB
Print Contrast	35% minimum reflectance difference
Number Characters Read	Up to 48 data characters read
Roll, Pitch, Yaw	360°, 60°, 60°
Beeper Operation	3 tones or no beep; 3 volume settings
Indicators (LED)	Green = laser on, ready to scan Red = good read

## MECHANICAL

Dimensions-MS860i	97 mm (3.8")H x 175 mm (6.9")D x 173 mm (6.8")W
Dimensions-MS863i	97 mm (3.8")H x 208 mm (8.2")D x 208 mm (8.2")W
Weight	2.45 kg (5.4 lbs)
Cable	Standard 1.8 m (6'); for other cables call Metrologic
Mounting Options	In-Counter Ring (standard); Side-Mount (optional)

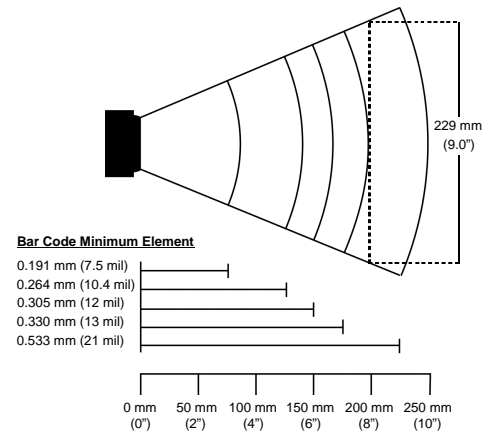
## ELECTRICAL

Input Voltage	11-30 VDC ± 0.50 V
Power	8.4 W, host system or wall transformer
Operating Current	350 mA @ 24 V
Standby Current	175 mA @ 24 V
DC Transformers	Class 2; 24 VDC @ 750 mA
Laser Class	CDRH: Class IIa; EN60825-1:1994/A11:1996 Class 1
EMC	FCC Class A

## ENVIRONMENTAL

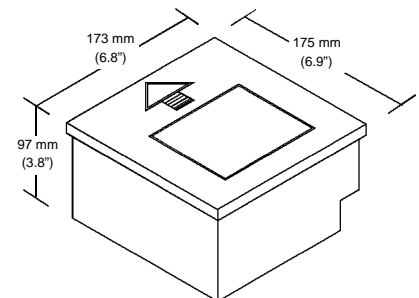
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	5% to 95% relative humidity, non-condensing
Light Levels	Up to 4842 Lux (450 footcandles)
Contaminants	Sealed to resist airborne particulate contaminants
Ventilation	None required

## Scan Area

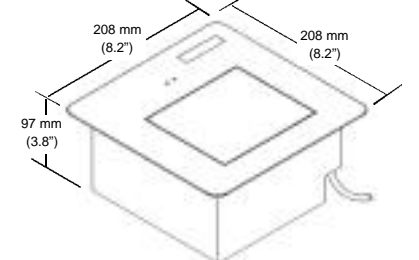


## Dimensions

### MS860i



### MS863i



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DS860i