IS4500
Linear Imaging Barcode Scanner

High-Performance Versatility

The IS4500 Linear Imaging Barcode Scanner is intended for use in retail, office, and industrial applications. The IS4500's state-of-the-art linear imaging scan engine delivers excellent read -rate performance and an extended depth-of-field. The IS4500's 100 scan-per-second speed can also read poorly printed bar code labels quickly and easily.

Loaded with Advanced Features

The IS4500 is capable of reading a wide range of bar code symbologies with auto-discrimination providing you state-of-the-art operation now and in the future. The enclosure is lightweight and ergonomic for comfortable hand held operation. It comes complete with interface cable and manual. An optional hands-free tabletop stand is also available.

Designed-in Reliability and Durability

The IS4500's linear imaging scan engine has no moving parts and will deliver peak performance for years to come. It can withstand 3' (1m) drops to concrete and is well protected for most indoor applications. And the IS4500 is backed by a one-year factory warranty on the scanner and cable.

Value priced

The IS4500 is loaded with performance, features and reliability, all at a surprisingly low price. Its one-year warranty and low purchase price minimize your cost of ownership. The IS4500 is an exceptional value!

Ideal for:

• Factory and manufacturing Warehouse
• Retail applications
• Health care
• Inventory
• Office automation
• Document tracking
• Industrial

Features:

• Aggressive reading and an extended depth-of-field
• Ergonomic "aim and shoot" design
• Reliable and durable, providing long lasting performance

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IS4500 Specifications

Optical

Scan Zone (Based on 90% code 39 barcode)

40mm	15-46cm
13mm	5-24cm
10mm	3.5-21cm
6mm	4-15cm
5mm	3-12cm
4mm	4-9cm

Nominal scan rate	100 scans/sec
Wavelength	660nm 10nm for CCD
Maximum pitch	±65 degrees
Maximum skew	±50 degrees
Photo Sensor	3,648 pixels CCD

Engineering Design

Power source	+5VDC, 5%
Processor	Intel 80C31
Decoder	Proprietary
Body material	ABS
Current consumption	220mA
Weight	160g (w/out cable)
Shock resistance	1 meter drop onto concrete

Operating Environment

Operating temperature	0°C to 50°C
Storage temperature	-20°C to 65°C
Relative humidity	5% to 95% non-condensing
EMI emission	FCC class A
Ambient light	3000 to 8000 lux
Connectivity	DB9, DB25, AMP, DIN5, Mini-Din6, etc.

Readable Barcodes

Code 39, Full ASCII Code 39, UPC/EAN/JAN, CODABAR, Interleaved 2/5, Code 128, Code 11,Code 93, MSI/PLESSEY, Code 4, and etc. Special code can be requested.

Interfaces

IS4500K KeyboardWedge
IS4500R RS-232
IS4500U USB
IS4500W Wand Emulation

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