



IMAGETEAM[™] 3220

Mid-Range Hand Held Linear Imager

The IMAGETEAM[™] (IT)3220 Mid-Range Linear Imager replaces traditional laser bar code scanners with a high speed scanner, at a lower cost. Equipped with a new generation light intensifier and optical design, the IT3220 has a high intensity aiming line and captures bar codes from as far away as 8 inches (20.3 cm).

With more than 200 sophisticated programmable parameters and the Universal Interface feature, one single unit of the IT3220 can meet any requirements by working with more than 60 different host machines via user-replaceable interface cable converters. The unique decoding engine gives the IT3220 exceptionally fast and accurate scanning capabilities.

Since the built-in flash memory makes the IT3220 field-upgradable, the scanner's programming is always up-to-date. The embedded data format editor allows you to modify scanned data any way you want ... you can verify, insert, delete, replace, reorganize, or even repeat any data segment.

Working with HHP SET[™], a Windows[®] utility, configuration setup, parameter downloads, uploads, and program upgrades can be performed with very little effort.

Features & Benefits

Bright Aiming Line

Reads at a distance of 8" (20.3 cm) on 13 mil UPC codes.

High Speed Scanning

200+ scans per second, for snappy bar code capture.

Flash Memory

Field upgradable memory extends the useful life of the product.

Universal Host Interface

All-in-one universal host interface for more than 60 host machines, including USB, Notebook PC, and IBM ThinkPad keyboard direct link.

Windows[®] Compatible

HHP SET[™], a Windows[®] utility, is capable of performing on-screen configuration, program upgrades, and on-line diagnosis.

Data Format Editing

Embedded data format editor meets most data editing requirements.

Performance

Resolution: Maximum 0.127 (5 mil)
Scan Rate: 200+ scans per second
Min. Reflective Difference: Typical 0.45 (0.26 mm) resolution
Illumination: 630 NM Visible Red LED

Mechanical/Electrical

Dimensions

Weight: Less than 7 oz. (200 g)
Length: 8.8 in. (220 mm)
Width: 6.4 in. (160 mm)

Power Requirements

Current Draw: Typical 165mA
Standby: Maximum 80 mA
Operating Modes: Manual trigger, Presentation mode, Auto trigger

Environmental

Temperature

Operating: +32° to +122° F (0° to +50° C)
Storage: -4° to +140°F (-20° to +60° C)
Humidity: 20% - 90% RH (non-condensing)
Mechanical Shock: Operational after multiple drops from 4 ft. (1.2 m)
Ambient Illumination: 0 - 50,000 lux
ESD Protection: Functional after 4kV contact, 8kV air discharge

Interfaces

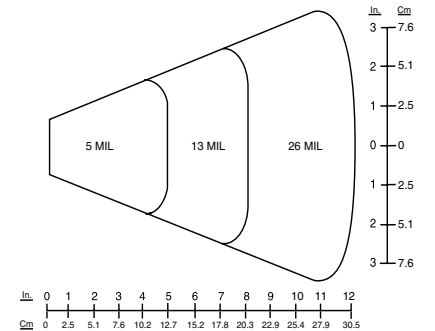
Host Interfaces: IBM® PC/XT, PC/AT, PS/2® keyboard wedge
 Generic PC/AT and PS/2 keyboard direct link
 Apple® MAC® and Power MAC™ ADB keyboard wedge and direct link
 Standard TTL RS-232
 Standard TTL RS-232 serial wedge
 Pseudo (inverted) RS-232 serial interface
 Wand emulation
 USB keyboard direct link

Agency

FCC Part 15, Class A, CE

Warranty

2 year factory warranty



Typical reading zones on Code 39 bar codes

Apple is a registered trademark of Apple Computer, Inc.

IBM is a registered trademark of International Business Machines, Inc.

Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries.



Complies with EMC 89/336/EEC

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