

**FIXED POSITION SCANNER**

MaxiScan **3300**

**Benefits:**

- **A unique range of scan lines and patterns can be generated to scan picket, ladder, angled and multi-directional bar codes.**
- **The scan pattern can even be set to change in orientation or pattern automatically, to optimize to the individual label to be scanned.**
- **Custom patterns can be created through the ESS software on or off-line.**
- **The design's very small moving mass gives high reliability at low cost.**
- **Adapts to future updates without hardware modification.**

The MaxiScan 3300 is a multi-functional moving-beam bar code laser scanner providing line, raster and multi-directional scan patterns. The 3300's unique ability to generate multiple scan patterns stems from Intermec's Active Line Control (ALC) technology. ALC gives the user complete control of scan pattern generation in a compact, rugged and cost-effective industrial product.

Multi-function means that the M3300 is equally suited to line multi-directional scanning and is capable of working in all main industrial fixed applications: identification, tracking, process control and sortation.

The MaxiScan 3300 is easy to install and operate and is supplied with EasySet System (ESS)—a PC Windows™ based set-up software to support the multi-functional features. ESS simplifies installation and configuration for both new and advanced users.

The MaxiScan 3300 with it's highly adaptable laser, quick decoding and superior optics make it applicable for the widest



range of applications. The multi-functional MaxiScan 3300 is suitable for conveyor, lift truck mount, integrated and other fixed applications in manufacturing, logistics, healthcare, and other applications.

# MaxiScan 3300

## General

MaxiScan 3300 is a multi-functional moving beam bar code scanner providing line, raster or multi-directional scan patterns.

MaxiScan 3300 can easily be configured using EasySet System, a PC Windows™ based setup hardware.

MaxiScan 3300, using Active Line Control, allows custom designed laser patterns to fit the application.

## Physical Characteristics

**Height:** 100 mm (3.9")

**Width:** 82 mm (3.2")

**Depth:** 75 mm (2.9")

**Weight without cord:** 550g (19.4oz)

**Case:** Epoxy coated aluminum

## Models

Standard resolution (model ST)

High Resolution (model HR)

## Scanning Performance

**Scan rate:** 400 to 700 per second

**Scan angle:** Horizontal 43°; Vertical 30°

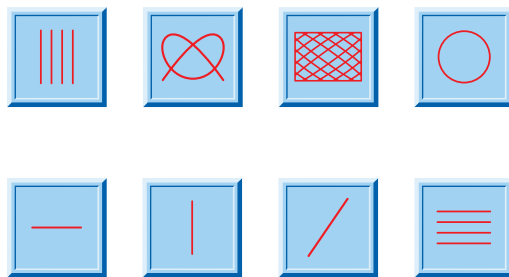
**Operating range:** ST 50 to 600 + mm (2" to 24"), HR 50 to 200mm (2" to 7.9") depending on narrow bar width.

**Depth of Field:** See chart

**Pitch:** 70°

**Skew:** 40°

## Examples of scan patterns:



**Print contrast ratio:** 25% minimum

**Minimum resolution:** HR 0.08 mm (3 mil), ST 0.15mm (6mil)

## Symbologies

UPC/EAN, Code 39, Interleaved, Matrix, Industrial and Standard 2 of 5; Code 128, EAN 128, Ames, Codabar, MSI, Plessey, Codablock and others on request

## Operator Interface

On and good read LED

## Design

**Light source:** Red, long life laser diode at 660nm

**Laser class:** IEC 825-1 (1993) class 2

US CDRH 21 CFR (1996) class II

## Environmental

**Operating temperature:** 0° to 50° C (32° to 122° F) with thermocooler

**Storage temperature:** -40° to 70° C (-40° to 158° F)

**Sealing standards:** IP65 (Nema 12)

**Relative Humidity:** Non-condensing (5% to 95%)

**Ambient light max:** 4000 Lux

**Electrostatic discharge:** 8 kV to any external surface

**Vibration and shock:** IEC 6826-Fc/IEC 68227 Es

## Electrical Characteristics

**Input requirements:** +9-30VDC unregulated.

**Power consumption:** 3.5-4.75W

## Options

Laser diode thermocooler required if ambient temp above 27°C (80°F)

## Advanced Features

Code reconstruction, Multi code reading, code sorting, user programmability of data format, code identification, preambles and postambles, intercharacter and intermessage delays, and many others

## Accessories

Connection box system, power unit and adjustable stand

## Regulatory Approvals

**Europe:** CE class A

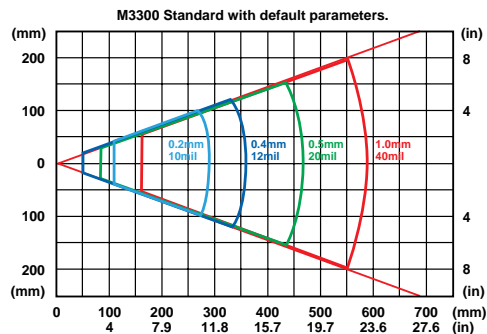
**US:** FCC part 15 class A

**Canada:** ICES-NMB-003 class A

UL recognized components

EN 60950

IEC 950



*M3300 reading range (ST model top view, picket codes). Increased performance can be attained with particulat configuration.*

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