

**Application Note 168** 

## Selection Guide - Intermec Scan Optics

## Introduction

This application note provides and overview of the different scan range optics and their typical read range.

## Scan Engine

2D Extended Area Imager EX25 (SR61EX, CK3, CK31CB & CK61B)		2D Barcode
16 cm	8.7 m 9.0 m	12 m 17.8 m
2 D Area Imager EA20x (CK3)		
3 cm 1.6 m 2D Area Imager EA11/EA15 (SR30, SR61, CK61B & CN3)		
4 - 83 cm		
2D Area Imager EA10 (CK61A) 4 - 60 cm		
1D Linear Imager EV12 (SR30, CK3) 5 cm 84 cm		
1D Linear Imager EV10 (7xx, CK30, CK31, CK32, CK61 & CN2) 4 – 40 cm		
Standard Range+ Mems Laser EL20 (CK31CB)	Note! Different barcode densities have b	een used.
Standard "Pico Size" Mems Laser EL10 (SR61L, CK30 & CK61)	D.O.F on std barcode (Code 39) D.O.F. on retro reflective label	
5 – 69 cm	* = Not an Intermec scan en	gine
Standard "Pico Size" Laser SE900* (741, 751 & 761A)	D.O. F. Is Depth Of Field	
		<b>→</b>

## Reading range

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