

# OMNIDIRECTIONAL PRESENTATION IMAGER

Reading  
1D & 2D  
codes

4 mil  
resolution

Hand held  
Hand Free

Auto-  
sense

Multiple  
interface



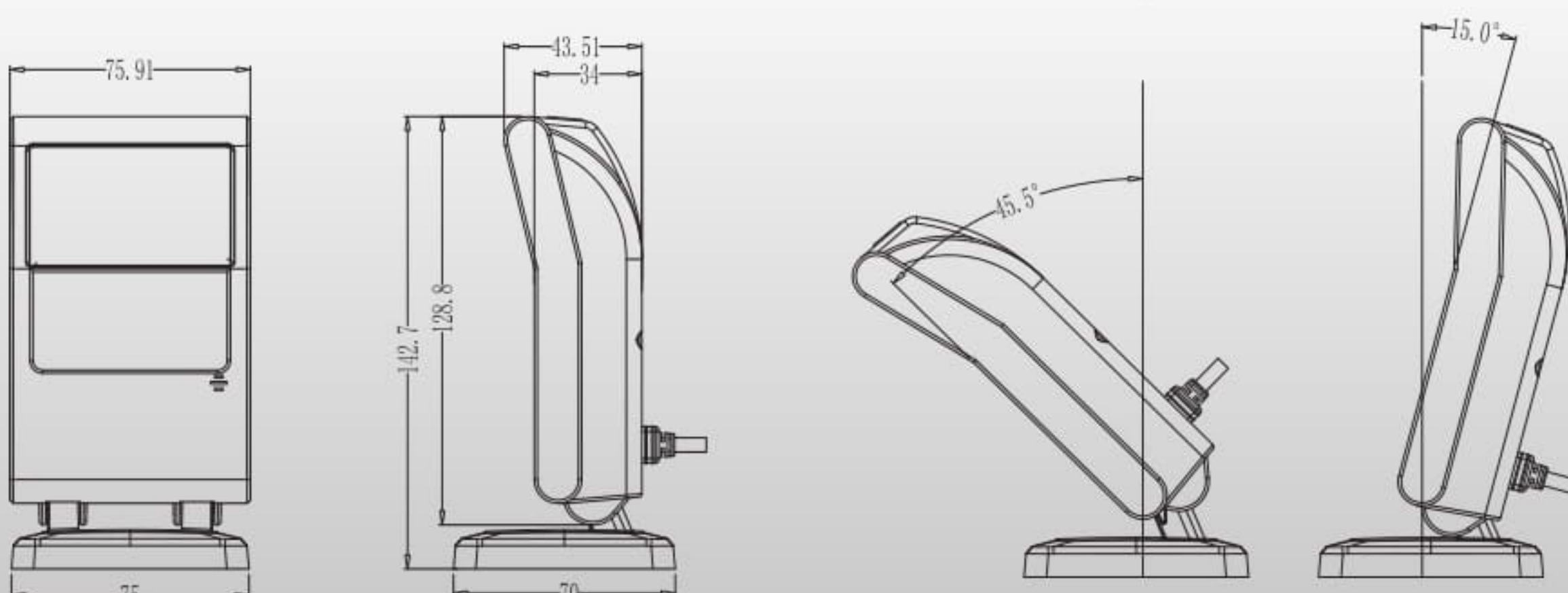
Omindirectional  
Durable  
Economical  
Adjustable body angle

**Affordable price for next generation scanning device.**

### Omnidirectional Area Imager

Omnidirectional presentation imager. It provides high performance 2D CMOS imager with elegant and durable design which makes suitable for point-of-sale (POS) check-out applications, reading mobile phones in marketing promotion applications, manufacturing applications, medical industry and banking industry.

decode most of standard 1D, PDF and 2D codes easily.  
Mobile phone and poorly printed codes are readable.  
Retailers can accommodate customers who download mobile coupons, mobile loyalty cards and more. Restaurants can accept mobile coupons at the register. Hotels can allow guests to use electronic loyalty cards stored on their mobile phones, eliminating the need to carry physical cards. Theaters, theme parks and stadiums can scan mobile tickets as easily as a paper ticket. They can offer customers an added convenience: paperless ticketing.



Adjustable body angle



#### Feature

- ◆ Reading most of 1D and 2D barcodes
- ◆ Auto-sense function
- ◆ Multi-interface solution
- ◆ Read 4 mil minimum barcode resolution
- ◆ Handheld and hands-free modes
- ◆ Light weight and ergonomic design

Nominal Working Range	
CODE 39	4mil 0 ~ 10cm
EAN13	10mil 0 ~ 21cm
EAN13	13mil 0 ~ 25cm
PDF417	10mil 0 ~ 18cm
Data Matrix	10mil 0 ~ 6cm
QR Code	10mil 2 ~ 6cm
Resolution: 4 mil Performance may be impacted by bar code quality and environmental conditions	

General	
Interface	HID USB / USB COM / RS-232
Barcodes supported (1D)	UPC/EAN/(UPCA/UPCE/UPCE1/EAN-8/EAN-13/JAN-8/JAN-13 plus supplemental, ISBN, ISSN, Coupon Code), Code 39, Code 39 Full ASCII, Trioptic, Code 32 (Italian Pharmacode), Code 128, (Standard, Full ASCII, UCC/EAN-128, ISBT-128 Concatenated), Code 93, Codeabar/ NW7, Interleaved 2 of 5, Discrete 2 of 5, IATA, Chinese 2 of 5, Matrix 2 of 5, Code 11), MSI Plessey, GS1DataBar, (Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked)
PDF417 (and variants)	PDF417 (Standard, Macro), MicroPDF417 (Standard, Macro), Composite Codes (CC-A, CC-B, CC-C)
Barcodes supported (2D)	PDF 417, MicroPDF 417, MaxiCode, Data Matrix, Data Matrix Inverse, QR Code, QR Inverse, MicroQR Code, Aztec Code, Aztec Inverse, Postal Code
Postal	U.S. Posnet and Planet, U.K. Post, Japan Post, Australian Post, Netherlands KIX Code, Royal Mail 4 State Customer, UPU FICS 4 State Postal, USPS 4CB
Optical	
Optical System	752 H x 480 V pixels
Light Source	Aiming pattern: single dot, 625nm LED Illumination: 630nm LEDs
Resolution	4 mil ( CODE 39), 7.5 mil (Data Matrix), 5 mil (PDF417)
Focusing Distance	Up to 267mm
Field of View	Horizontal: 46.1°; Vertical: 30.4°
Indicator	Beeper and LED
Electrical	
Voltage	DC 5V
Scanning Currents	< 280 mA
Environment	
Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	-20°C to 60°C / -4°F to 140°F
Relative Humidity	5% - 95% RH (non-condensing)
Drop	1.5m drops
Physical	
Weight	374g w/cable