SuperLead®

Intelligent identification, smart vision, industrial vision sensor provider

Rugged Industrial Barcode Scanner

Bluetooth Wireless

X82

High performance on industrial DPM code reading

- Integrated multi illumulation source
- Centering Aiming system
- Challenging code reading capability
- Long distance stable wireless connecting

Industrial code

High speed scanning

Large capacity battery

Strong decoding

telecommunications

IP65

Housing IP

V.05.20240409

All specification and
designs are subject
to change without notice.

X82

Specifications

Physical Characteristics

Dimensions	92mm x 75mm x 199.5mm
Weight	309.2g
Housing Material	PC,TPU
Power Supply	Battery model:PO002 3.7V,2600mAH Li-ion Battery

Performance Characteristics

Image(Pixels)		Global shutter,1280 x 1080,60FPS
Light Source		White point light,red low angle ring light,red / blue dome light
FOV		SR/HD/ER:Horizontal 40 degrees,XD:Horizontal 35 degrees
Scan Angle		(Roll) 360°, (Pitch) ±60°, (Skew) ±60°
Symbol Contrast		≥15%
Operating Distance		100m (open space)
Endurance Time		It can work continuously for 8 hours (new battery, fully charged)
Bluetooth		Bluetooth v5.0
Interface		USB COM，USB HID Keyboard，RS232，RS485，Ethernet(TCP/IP, UDP) Protocol：EthernetIP，Profinet，Modbus，MC
Symbologies	1D	Code128,Code93,Code39,Interleaved 2 of 5,Industrial 2 of 5,JAN/EAN/UPC
	2D	QR,DataMatrix,PDF417,Aztec

User Environment

Temperature Range	Working temperature:0°C~50°C,Storage temperature:-20°C~70°C
ESD	Contact discharge:± 8Kv,air discharge:± 15kV,coupling discharge:± 8Kv
IP	IP65
Drop Resistance	1.8m cement ground,free fall,6 sides x 5 times / side =30 times
Ambient Light Immunity	100,000 Lux.

ACCESSORIES

- cradle

- single charger

- 4 slots charger

- dongle

SuperLead®

Suzhou SuperMax Smart System Co.,Ltd.
TEL:400-850-8151
E-mail: sales@superlead.com

SuperLead (Shenzhen) Intelligent Identification Co., Ltd.
TEL:0755-21030424
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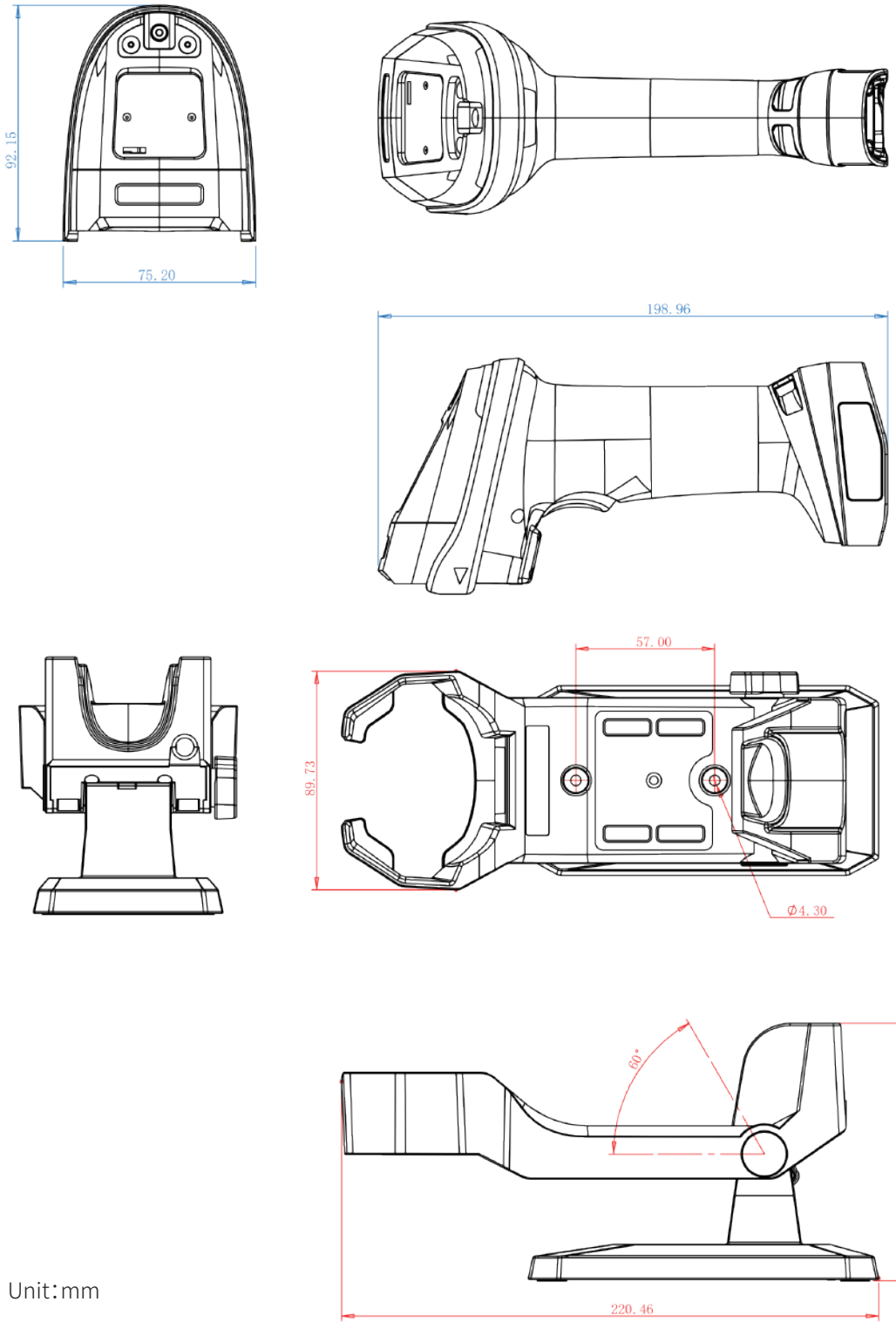
X82

Dimensions



Unit:mm

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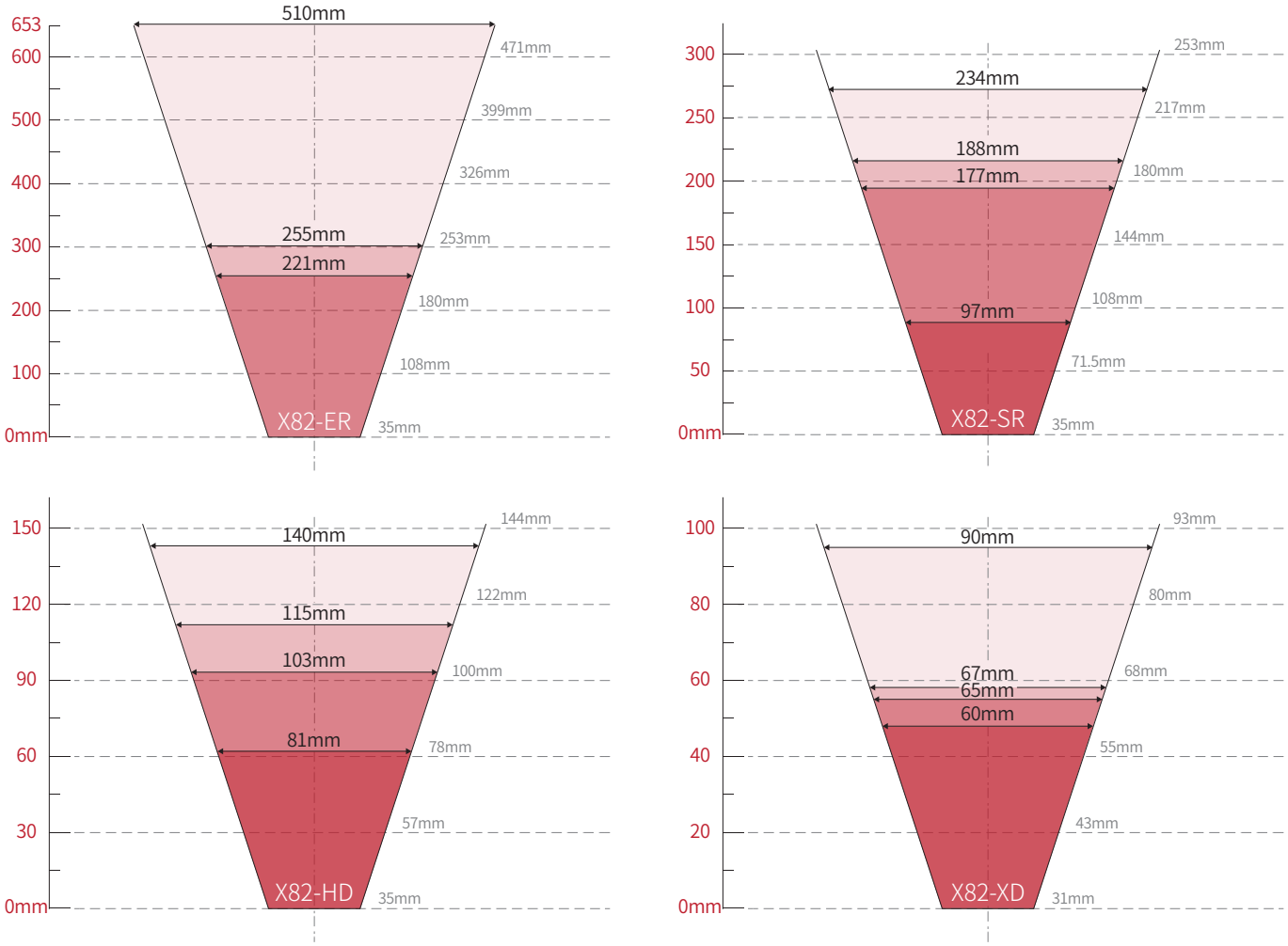
Field of View and Depth of Field



model	C128_3.15mil	C39_5.15mil	C128_8mil	C128_10.15mil	UPC-13mil	C128_20mil
X82-ER	69mm-130mm	25mm-256mm	0mm-456mm	4mm-515mm	0mm-653mm	19mm-800mm
X82-SR	16mm-101mm	0mm-195mm	0mm-205mm	0mm-249mm	10mm-273mm	21mm-395mm
X82-HD	0mm-65mm	0mm-94mm	0mm-119mm	10mm-130mm	0mm-145mm	31mm-206mm
X82-XD	0mm-43mm	0mm-55mm	11mm-72mm	24mm-83mm	22mm-95mm	46mm-145mm

model	DM ECC200 18*18 3.14mil 1.5mm*1.5mm	DM ECC200 18*18 4.40mil 2.0mm*2.0mm	DM ECC200 18*18 6.65mil 3.0mm*3.0mm	DM ECC200 18*18 10.13mil 4.0mm*4.0mm	DM ECC200 18*18 11.15mil 5.0mm*5.0mm
X82-ER	—	—	43mm-165mm	25mm-276mm	17mm-303mm
X82-SR	—	30mm-85mm	15mm-139mm	16mm-165mm	5mm-210mm
X82-HD	0mm-52mm	0mm-63mm	0mm-82mm	0mm-108mm	0mm-110mm
X82-XD	10mm-40mm	15mm-47mm	0mm-46mm	0mm-50mm	0mm-58mm

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FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.