

Compact R series fixed industrial barcode reader (R17)

LS-R17 series · Fixed code readers · 8 models

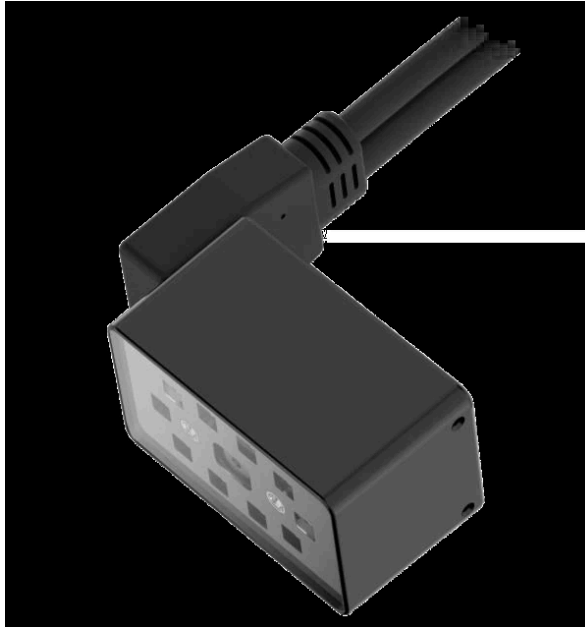
Cost-effective compact fixed industrial barcode reader: OneClick debugging, stable reading with 10 LED lighting under various working conditions, and flexible deployment thanks to a compact integrated design and rich communication protocols.

Features

- OneClick debugging: one-click trigger, fast and accurate decoding
- Stable reading: 10 LED lighting ensures clear reading under various working conditions
- Flexible deployment: compact integrated design + rich communication protocols
- Machine vision algorithm engine
- IP65 durable and reliable
- Supports software and hardware triggering
- Easy to get started

Applications

- 3C electronics
- Photovoltaic new energy
- Semiconductor
- SMT / PCB processing
- Logistics



Colours

R Red LED illumination

Common specifications

Support barcode	2D: Datamatrix (ECC200), QR Code; 1D: Code39, Code93, Code128, EAN13, EAN8, UPC-E, interleaved 2 of 5
Max acquisition frame rate	120FPS
Lighting system	10 high-performance red LEDs
Focus mode	Fixed focal length
Typical reading depth of field	60~200mm
Sight	2 green LED dot aiming
Input/Output IO	1 channel isolated IO input + 1 channel isolated IO output (NPN type and PNP type can be configured)
Powered by	24V DC
Ambient temperature	10~50°C
Protection level	IP65

Ordering code: R172 / R170 -S (USB2.0 + RS232) / -E (Ethernet), 1 = short (60~120) / 2 = long (100~200)

Models

Model	Image sensor	View field	Focal length (mm)	Communication interface	Supported communication protocols	Resolution
LS-R172-S1	1280*960 Pixel Global Shutter CMOS	37° horizontally, 28° vertically	Short 60~120	USB2.0, RS232	USB HID, RS232	1280 x 960
LS-R172-S2	1280*960 Pixel Global Shutter CMOS	37° horizontally, 28° vertically	Long 100~200	USB2.0, RS232	USB HID, RS232	1280 x 960
LS-R172-E1	1280*960 Pixel Global Shutter CMOS	37° horizontally, 28° vertically	Short 60~120	Ethernet@100Mbps	TCP/IP, EIP, FTP	1280 x 960
LS-R172-E2	1280*960 Pixel Global Shutter CMOS	37° horizontally, 28° vertically	Long 100~200	Ethernet@100Mbps	TCP/IP, EIP, FTP	1280 x 960
LS-R170-S1	640*480 Pixel Global Shutter CMOS	21° horizontally, 15° vertically	Short 60~120	USB2.0, RS232	USB HID, RS232	640 x 480
LS-R170-S2	640*480 Pixel Global Shutter CMOS	21° horizontally, 15° vertically	Long 100~200	USB2.0, RS232	USB HID, RS232	640 x 480
LS-R170-E1	640*480 Pixel Global Shutter CMOS	21° horizontally, 15° vertically	Short 60~120	Ethernet@100Mbps	TCP/IP, EIP, FTP	640 x 480
LS-R170-E2	640*480 Pixel Global Shutter CMOS	21° horizontally, 15° vertically	Long 100~200	Ethernet@100Mbps	TCP/IP, EIP, FTP	640 x 480

More values per model (Shutter, Voltage) are on each product page.

Product views

