

Dual aviation plug RS series fixed industrial barcode reader (RS300)

LS-RS300 series · Fixed code readers · 3 models

Top flagship fixed industrial barcode reader for complex scenarios such as extremely difficult codes, extremely small codes and high-speed lines; super resolution algorithm and 19 high-power illuminators read blurred and low-contrast 1D/2D codes, with a large field of view for packages of various sizes.

Features

- OneClick plus debugging
- Large depth of field: super resolution algorithm and 19 high-power illuminators
- Large field of view for packages of various sizes and positions on high-speed lines
- Machine vision algorithm engine
- Multiple light source options
- Various lens options
- Multi-drop function
- Burst mode
- IP67 stable and reliable

Applications

- Automobile manufacturing (DPM part traceability)
- Lithium battery new energy
- Logistics



Colours

R	Red
W	White
B	Blue

Common specifications

Support barcode	2D: Datamatrix (ECC200), QR Code; 1D: Code39, Code93, Code128, EAN13, EAN8, UPC-E, interleaved 2 of 5
Image sensor	2048*1200 Pixel Global Shutter CMOS
Max acquisition frame rate	120FPS
Lighting system	Direct light (D), Polarized light (P), Uniform light (U)
Lighting color	Red / White / Blue
Focus	Automatic focus system
Sight	2 green LED dot aiming
Communication interface	Ethernet@100Mbps, RS232
Supported communication protocols	TCP/IP, RS232, EIP, Profinet, FTP, Modbus TCP

Input/Output IO	Non-polarized 2-way isolated IO input + Non-polarized 3-way isolated IO output
Barcode level verification	ISO/IEC 15415, ISO/IEC 16022, ISO/IEC TR29158 (AIM DPM-1-2006)
Powered by	24V DC
Ambient temperature	10~50°C
Protection level	IP67
Certification	CE, FCC, RoHS
Ordering note	The actual model needs to be confirmed before placing an order; the light source color is selected when ordering.

Ordering code: RS300-(<lens focal length mm>)

Models

Model	Lenses	Field of view	Focal length
LS-RS300-8 colours: R, W, B	8mm (Broad View)	D:57°	8
LS-RS300-16 colours: R, W, B	16mm (Standard)	D:30°	16
LS-RS300-25 colours: R, W, B	25mm (Telephoto)	D:19°	25

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

Product views



