

X1 Series Fixed Mount Barcode Reader

X1 is a high-performance fixed-mount reader. X1 uses a high-quality 1.6-megapixel resolution image sensor that collects high-quality images up to 60 frames/s.

It can be focused at high speed automatically and read code within the 35-600 mm operating range. Professional red and blue dual-wavelength LED light sources help to achieve excellent image quality and reading performance for direct part marking or DPM code. X1 uses a unique optical design to achieve high definition, large depth of field, and high uniformity image.

At the same time, it can be equipped with various lenses to achieve 2D code reading up to a minimum of 0.5 * 0.5mm. Highspeed motion reading is achieved with global shutter technology.

X1's excellent reading capability can easily solve problems in the electronics manufacturing and traceability industry. It is suitable for electronic assembly, LCD screens, drug traceability, and other industries



Key Features:

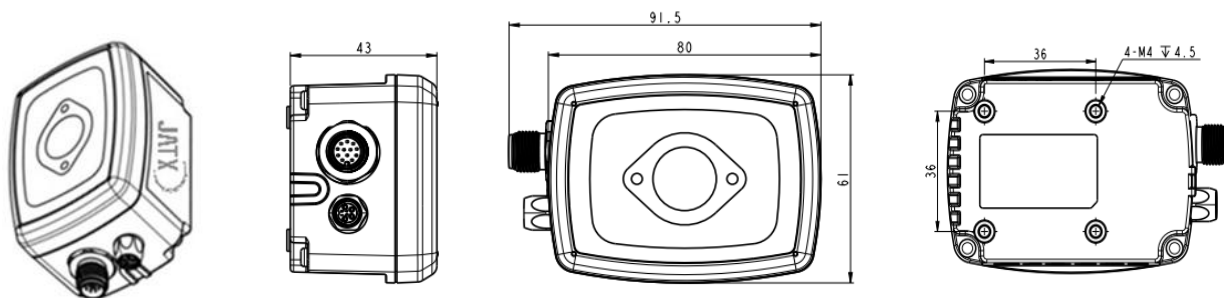
- High-speed liquid lens autofocus
 - Improve 30% hardware installation efficiency
 - No need to adjust manually when switching target code
- Multiple status indicators for daily observation
 - Power supply indication
 - Ethernet diagnosis
 - Output status
 - Learning Status
- Optional DataMatrix Code Grade Output
- Suitable for various applications
 - Integrated bright field and dark field light source
 - Eight regions of light source can be controlled separately
- Flexible and easy to use software tool
 - Easy software use, complete setting with only 3 steps
 - Support autofocus
 - Automatic exposure



Technical Parameters

Model	X1-FX	X1-SD	X1-HD
Auto Focus	No	Yes	
Focus Position (mm)	Customized (35 - 1000)	35 - 600	
Smallest 2D Code (mm)	1x1		0.5x0.5
Resolution	1.6MP		
Read Rate	60Hz		
Aimer	Dual Laser		
Illumination	640nm LED + 470nm LED		
Indicator	Beeper, Power Indicator, Ethernet Indicator and 5 LED's		
Code Type	2D Code: QR, MicroQR, DataMatrix, PDF417, MicroPDF417		
	1D Code: CODE39, CODE128, CODE93, CODE11, CODEBAR, INT2OF5, MTX2OF5, MSI, STA2OF5, UPC, EAN		
Trigger	x1 Optoelectronic Isolation		
Motion Reading	3m/s		
GPIO-IN	x1		
GPIO-OUT	x3 Optoelectronic Isolation (where x1 for Flash Strobe Output Sync)		
RS232	x1		
Ethernet	x1, 100 BaseT, TCP/IP		
IP Grade	IP65		
Working Temperature	0°C - 45°C		
Storage Temperature	-20°C - 70°C		
Dimensions	92x61x 43mm		92x61x50mm
Weight	~228.2g		~240.4g
Supply Voltage	10 - 28V DC		
Current	1.2 - 0.6A		
Certification	CE RoHS		

Size Chart



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