

New Generation of AI Intelligent Code Scanner

X27



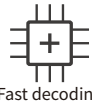
1D / 2D



High speed scan



Big vision



Fast decoding



IP level



ESD



GENERAL FEATURES

- Multi-core multi-thread parallel efficient decoding
- Multiple resolutions available (130W/230W)
- Dual core CPU, super fast decoding
- Liquid lens fast autofocus, one-click parameter setting
- Dual light source lighting system
- Support Ethernet, RS-232 and other communication protocols
- Good shock resistance, high level of protection



X27-AR12

Specifications

Structural Parameter

Dimensions	48mm x 28mm x 67.25mm
Weight	≈185g

Image Sensor

Sensor Type	Global Shutter CMOS
Image(Pixels)	130W:1280*1080; 230W:1920*1200
Color	Black and white
Frame Rate	120fps
Light Source	Red and white optional, 4 high-lighted leds

Electrical Specification

Voltage		12~24V DC ±10%
Current		<15W
I/O	Input	2 optical coupling isolated input, support NPN, PNP access mode
	Output	2 optical coupling isolated output, support NPN, PNP, switch control mode
Interface		RS232C, supports no protocol, ModBus RTU protocol
Ethernet		10/100 baseT, support TCP/IP, Modbus TCP, EthernetIP, Profinet and other protocols

Read Specification

Symbolologies	1D	Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Codabar, GS1 DataBar, UPC, EAN etc.
	2D	PDF 417, MicroPDF417, DataMatrix, Maxicode, QR code, MicroQR, Aztec, Hanxin, Vericode, etc.
Minimum Resolution	0.05mm	
Field Angle	Horizontal: 16° Vertical: 13°	
Read distance (distance window)	80mm~600mm	
Field of View (300mm distance)	82mm*69mm	

User Environment

Operating Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 70°C
Humidity	5% ~ 95%, non-condensing
ESD Protection	±8KV (direct discharge)
Waterproof Class	IP65



X27-AR06

Specifications

Structural Parameter

Dimensions	48mm x 28mm x 55mm
Weight	≈170g

Image Sensor

Sensor Type	Global Shutter CMOS
Image(Pixels)	130W:1280*1080; 230W:1920*1200
Color	Black and white
Frame Rate	120fps
Light Source	Red and white optional, 4 high-lighted leds

Electrical Specification

Voltage		12~24V DC ±10%
Current		<15W
I/O	Input	2 optical coupling isolated input, support NPN, PNP access mode
	Output	2 optical coupling isolated output, support NPN, PNP, switch control mode
Interface		RS232C, supports no protocol, ModBus RTU protocol
Ethernet		10/100 baseT, support TCP/IP, Modbus TCP, EthernetIP, Profinet and other protocols

Read Specification

Symbologies	1D	Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Codabar, GS1 DataBar, UPC, EAN etc.
	2D	PDF 417, MicroPDF417, DataMatrix, Maxicode, QR code, MicroQR, Aztec, Hanxin, Vericode, etc.
Minimum Resolution	0.08mm	
Field Angle	Horizontal: 31° Vertical: 26°	
Read distance (distance window)	65mm~600mm	
Field of View (300mm distance)	163mm*137mm	

User Environment

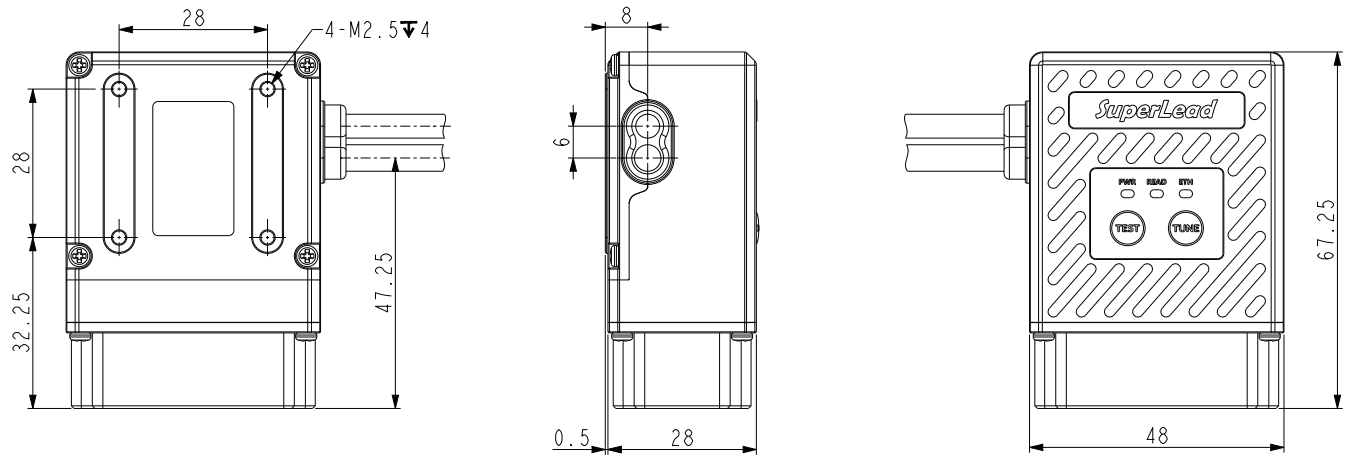
Operating Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 70°C
Humidity	5% ~ 95%, non-condensing
ESD Protection	±8KV (direct discharge)
Waterproof Class	IP65



X27

Dimensions (unit: mm)

X27-AR12



X27-AR06

