

# New Generation of AI Intelligent Code Scanner

# X27



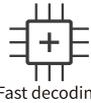
1D / 2D



High speed scan



Big vision



Fast decoding



IP65  
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)	1280 pixels(H) x 1080 pixels(V)
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	1 optical coupling isolated input, support NPN, PNP access mode
	Output	1 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	0.05mm	
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)	1280 pixels(H) x 1080 pixels(V)
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	1 optical coupling isolated input, support NPN, PNP access mode
	Output	1 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	

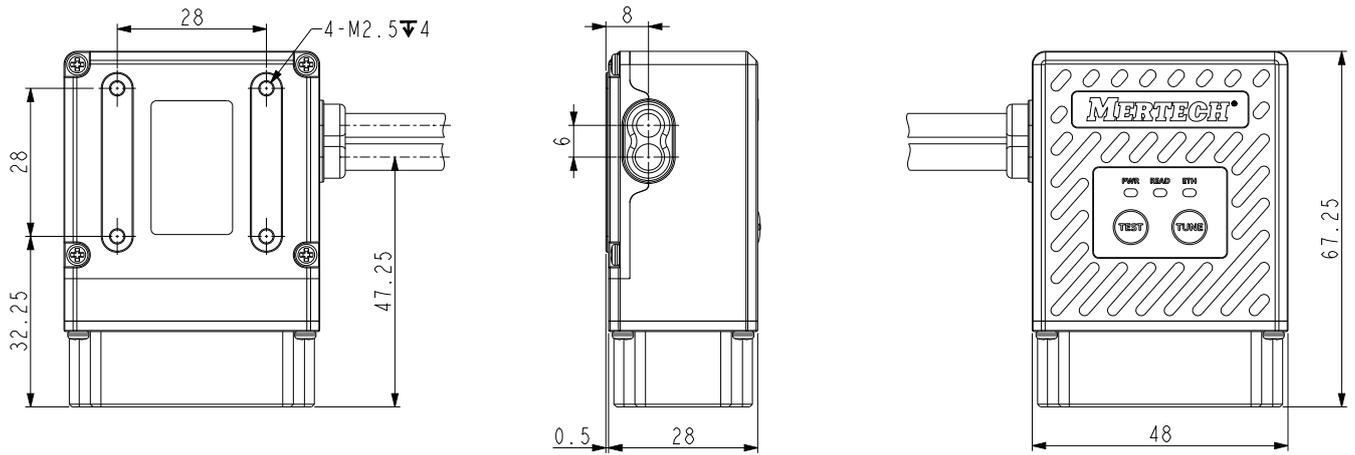
### User Environment

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

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Dimensions (unit: mm)

## X27-AR12



## X27-AR06

