

ZX-1060 NEW

Fixed Industrial Scanner (PRELIMINARY)



The ZX-1060 features liquid lens autofocus technology, delivering fast and precise focusing with just a few sampled images. This allows sharp and reliable decoding of difficult code types such as hollow dot matrix, hole array, curved DPM, and pin collision DPM codes.

Its compact size of 47 x 25 x 43 mm fits easily into confined spaces. The integrated cable merges power, Ethernet, serial port, and IO trigger lines into one connection, simplifying installation and reducing setup complexity.

With a flexible working distance from 40 mm to 300 mm, the ZX-1060 covers a broad range of industrial scanning needs. Its 1288 x 1088 global shutter CMOS sensor captures distortion-free images with a wide field of view, ensuring codes are read clearly even on uneven or curved surfaces.

- Liquid lens autofocus with fast, precise focusing
- 40–300 mm working distance
- Compact size and wide field of view
- IP67 protection against dust and water
- Multi-protocol support including Modbus, Profinet, and Ethernet/IP

1. One-key adjustment for efficient production
2. Supports DPM barcode reading



OPERATIONAL

| | |
|----------------------|--|
| Illumination Element | Polarized White Light |
| Optical System | 1288 x 1088 CMOS |
| Scan Angle | 173 x 147 mm (Typical example at 300 mm) |
| Depth of Field | 40mm ~ 300 mm (Auto Focus) |
| Indicator | 2 green light |
| System Interface | RS232, Ethernet (TCP Server, TCP Client, ModBus TCP, ModBus RTU, Profinet, Ethernet/IP, MEMSEC/SLMP, Fins, Serial) |

PHYSICAL

| | |
|-----------|-----------------|
| Dimension | 47 x 25 x 43 mm |
| Weight | about 100g |

POWER

| | |
|-------------------|--------|
| Input Voltage | 24 VDC |
| Power Consumption | 5W |

REGULATORY

| | |
|-----|---------------------------|
| EMC | CE, FCC, VCCI, BSMI, UKCA |
|-----|---------------------------|

ENVIRONMENTAL

| | |
|-----------------------|----------------------------------|
| Operating Temperature | 0°C ~ 45 °C |
| Storage Temperature | -20°C ~ 70°C |
| Humidity | 5% ~ 95% RH (non-condensation) |
| Environmental Sealing | IP67 |

DECODING CAPABILITY

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|------------|---|
| 1D Barcode | Code39, Code93, Code128, EAN-8, EAN-13, Interleaved 2 of 5, UPC, Pharmacoce |
| 2D Barcode | QR code, DataMatrix, MicroQR, PDF417 |

