

P3x



937710037

Smart Camera, P32, Color, 1920x1080, 30 FPS, 1/2.8" CMOS, Micro Video Lenses

OVERVIEW

- qHD (960 x 540) , 2MP (1920 x 1080) and 5MP (2560x1920) resolution imager options both available in monochrome and color
- Field interchangeable lenses, illuminators and filters
- Two embedded illuminator sizes: 14-LED compact and 36-LED high power both integrating TIR lenses to deliver maximum brightness onto the field of view available in 3 different colors (white, blue and red)
- Lens options: Micro-video (6, 8, 12.5 and 17.5mm) or C-Mount
- Innovative 360° software configurable visual feedback
- Top industrial grade: -10 to 50 °C / 14 to 122 °F operating temperature, IP65/67 rating
- Powered by IMPACT software suite with 100+ inspection tools
- Add-on licenses to run even the most advanced Datalogic algorithms

TECHNICAL FEATURES

Application

Description

Smart camera unit

Electrical data

Led

Power, Busy/Trigger, Out 1; Out 2; Out 3; Online

Mechanical data

Material

Aluminum (housing) and plastic (front head)

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|------------|--------------------|
| Lens mount | Micro Video Lenses |
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Test/Approvals

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| Shocks and vibrations | EN 60068-2-6 (14mm@2 to 10Hz; 1.5mm@13 to 55 Hz; 2g @70 to 500Hz; 2h on each axis), EN 60068-2-29 (30g; 6ms; 5000 shocks on each axis), EN 60068-2-27 (30g; 11ms; 3 shocks on each axis) |
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Generical Data

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|---------------|--------|
| System Memory | 380 MB |
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| Storage | 1 GB |
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| Network Interface | 1000 Mbit/s Ethernet |
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| Serial Communications | 1x RS-232 serial port |
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| Comm Connectivity | Supports EtherNet/IP, Profinet, Modbus TCP |
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| I/O | 2 IN / 3 OUT |
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| Power Requirements | 24 ± 10% VDC |
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| Dimensions | 14 LEDs illuminator: 109 x 54 x 56 mm (4.3 x 2.1 x 2.2in.) 36 LEDs illuminator: 116 x 126 x 70 mm (4.6 x 4.9 x 2.8in.) |
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| Operating Temperature | -10 ... 50°C |
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| Humidity | 90% non condensing |
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| Mechanical Protection | IP65/67 |
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| Certifications (Safety Compliance) | CE, CSA |
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| Resolution | 1920x1080 |
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| Imager | 1/2.8" CMOS - Color |
| Shutter | Global |
| Frame rate (FPS) | 30 |
| Pixel size | 5.6 μm |

Optical Data

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|------------|-------|
| Mono/Color | Color |
|------------|-------|

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**date of
printing**
04/04/2026
06:58:40