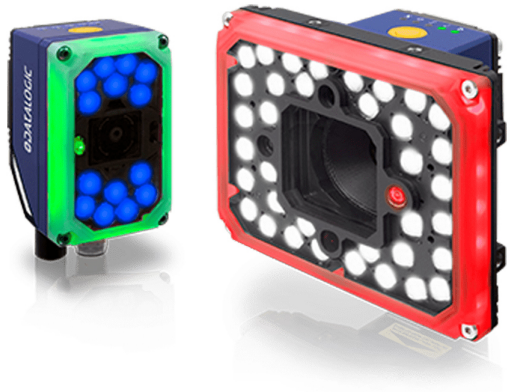


P3x

937710036

Smart Camera, P32, Monochrome, 1920x1080, 60 FPS, 1/2.8" CMOS, Micro Video Lens

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)

Lens mount	Micro Video Lenses

Test/Approvals

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)

Generical Data

System Memory	380 MB
Storage	1 GB
Network Interface	1000 Mbit/s Ethernet
Serial Communications	1x RS-232 serial port
Comm Connectivity	Supports EtherNet/IP, Profinet, Modbus TCP
I/O	2 IN / 3 OUT
Power Requirements	24 ± 10% VDC
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.)
Operating Temperature	-10 … 50*C
Humidity	90% non condensing
Mechanical Protection	IP65/67
Certifications (Safety Compliance)	CE, CSA
Resolution	1920x1080

Imager	1/2.8" CMOS - Mono
Shutter	Global
Frame rate (FPS)	60
Pixel size	5.6 µm

Optical Data

Mono/Color	Monochrome

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