



L: 92 mm; W: 31 mm; H: 29 mm

Features & Benefits:

- Omni-Directional Imaging, Scanning and Decoding
- Solid-State Electronics Means No Moving Parts for Added Reliability
- Small Form Factor Makes Mounting and Integration Easy
- LED-based Illumination for Added Safety

5 Megapixel, Color, USB/Ethernet Smart Camera

JADAK's SC-6V fixed mount machine vision smart camera is designed for integration into devices that require image analysis or stand-alone/embedded machine vision functionality. All machine vision functions are performed on the SC-6V, eliminating the need for an external PC or frame grabber.

More than just a machine vision camera, the SC-6V provides barcode scanning and reads popular linear, stacked linear (PDF417) and 2D/Matrix barcodes. With omnidirectional scanning, the SC-6V can read barcode in any orientation, easing alignment concerns.

The SC-6V provides flexibility for a variety of applications with varying optical requirements. Using an M12 mounting configuration, the SC-6V can be used with a wide range of lenses and various lens focuses.

The SC-6V has true 360° scanning and decoding capabilities, eliminating user training issues and enabling the use of efficient Matrix barcode reading.

Applications:

- Medical Devices, including Clinical Analyzers
- Manufacturing



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Scanning Performance	
Sensor Type	5 Megapixel, CMOS, 2592 x 1944, 8 bit color
Lens Mount	M12 Format
Symbologies	Linear: Code 39, Code 128, UPC, Interleaved 2 of 5, EAN, Codabar Stacked Linear: PDF417, RSS Codes Matrix: Aztec, Data Matrix, Maxicode, QR Code Additional: OCR-A, OCR-B, Postal Codes
Paperless Documentation	Converts paper documents to digital images (8 bit)
Regulatory	
Agency	Designed to meet FCC Class A and CE specifications
Environmental	RoHS and WEEE Compliant
Mechanical/Electrical	
Communication	RS-232 (up to 115.2K baud), USB COMM, Ethernet
Additional Input/Output	Four General Purpose I/O (Optional)
Current	5V: 150mA Idle, 400mA Average, 450mA Peak 24V: 40mA Idle, 95mA Average, 110mA Peak
Cables	Fixed cable with length and termination configurable at time of order
Environmental	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	95% relative humidity, non-condensing, at 50°C
Vibration	1500G Shock and Vibe

ABOUT JADAK:

JADAK, a business unit of Novanta, is a market leader in machine vision, RFID, barcode, printing, and color and light measurement products and services for original equipment manufacturers. The company designs and manufactures embedded detection and analysis solutions that help customers solve unique inspection, tracking, scanning and documenting. The company is ISO 9001 and ISO 13485 registered.

Novanta is a trusted technology partner to OEMs in the medical and advanced industrial technology markets, with deep proprietary expertise in photonics, vision and precision motion technologies.

www.jadaktech.com



JADAK
A Novanta Company

USA Office
phone: +1 315.701.0678
email: info@jadaktech.com
web: jadaktech.com

European Office
phone: +31 (0)76.522.5588

Asia Pacific Office
phone: +86 512.6283.7080

