

# Nextiva

## S5250 IP Box Cameras with H.264 Technology



### At A Glance:

- 5.0 megapixel H.264 IP box camera with auto-iris support
- Includes 5MP-rated 2.8-12mm lens
- Superior day/night functionality via automatic removable IR-cut filter
- 802.3af PoE and 12V DC and 24V AC support
- Ultra high-resolution with five megapixel performance
- Multi-stream H.264, MPEG-4 or MJPEG for optimal use of bandwidth and storage
- Compatible with Nextiva Video Management Software and the EdgeVR network video recorder

Nextiva® S5250 day/night IP box cameras with 5 megapixels provide ultra high-resolution images, combined with H.264 compression to reduce bandwidth and maximize storage capability. The S5250 delivers crystal clear images for use in forensic investigations and excellent performance in geographically dispersed areas.

### True High-Resolution with Five Megapixels

These professional IP box cameras deliver resolution at fifteen times greater than a standard definition VGA camera, and more than double the resolution of a 1080p camera. The S5250 devices boast cutting-edge imaging capabilities and an automatic removable IR cut filter provides for optimum clarity in low-light environments or where secondary infrared is used. Multiple streams and support for H.264, MPEG-4 and MJPEG compression technologies optimize use of valuable bandwidth and storage. Additionally, five megapixels allow for maximum performance and coverage of large outdoor areas such as airports, schools, power stations and retail parking lots.

### Easy Implementation for Versatile Surveillance Applications

S5250 IP cameras are designed for easy, secure and cost effective installation. Full Power Over Ethernet capability reduces wiring and installation costs, and analog out reduces setup and tuning, and advanced features such as on-board camera storage and bi-directional audio support add new dimensions to the capability of your surveillance system. Cameras can be configured using an on-board Web browser interface, Nextiva EdgeVR® or Nextiva Control Center. All of these features make the Nextiva S5250 5 MP IP box camera flexible, scalable and suitable for virtually any application or environment. Finding a 5MP rated lens can be a challenge, so the S5250BX-DN 5 MP box camera comes complete with a 2.8-12mm lens that is both 5 MP and Day/Night rated.

### Powered by Nextiva

Nextiva S5250 IP cameras are fully integrated with Nextiva video management software — centralized device management, automated health monitoring, remote video viewing, and more — and with other Nextiva solutions, including the Nextiva EdgeVR IP-based network video recorder.

Nextiva is the industry's broadest IP video portfolio, a single source for virtually every facet of your video operations, from cameras, encoders, and network video recorders to video viewing management, and analytics software. Designed to enhance any video network, Nextiva streamlines management of large, geographically dispersed video operations and helps organizations realize the benefits of IP video using their legacy video investments.

# TECHNICAL SPECIFICATIONS

## S5250 5 MP Box Camera

VIDEO	
• Imager	1/2.5" CMOS
• Effective pixels(HxV)	2560(w) x 1920(h)
• Day/Night Support	Automatic removable IR cut filter
• Analog Out	Full time 1/8" (3.5mm) jack. BNC adapter supplied, configurable to NTSC or PAL
• Minimum Illumination	0.1 lux day mode 0.06 lux night mode (with IR cut filter removed) 0.00 lux night mode (with external IR illumination and IR Cut Filter removed)
• Analog Video Output	Full-time with supplied BNC adapter
• Dynamic Range	69dB
• Compression	H.264, MPEG-4, MJPEG
• Resolution	Scalable from 640x480 to 2560x1920
• Frame Rate	1-8 fps @ 5 MP, 1-16 @ 3 MP, 1-30 @ 2 MP
• Bandwidth	Configurable 40Kbps to 8Mbps
• Max Streams	2 with each stream configurable for resolution, fps and compression type
• Tuning	Configurable max exposure time, compression level, brightness, contrast, sharpness, saturation and exposure bias
• Gain Control	AGC
• White Balance	Automatic, locked
• Backlight Compensation	Automatic BLC
LENS	
• Type	Includes C/CS 2.8-12mm 5 MP rated Autoiris lens
• F-Stop Range	F 1.2
• Focal Length	2.8-12mm
• View Angle	TBD
• Minimum Working Distance	TBD
NETWORK	
• Interface	Ethernet 10/100 Base-T
• Connector	RJ-45 Jack
• Protocols	IPv4, IPv6, TCP/IP, HTTP, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, CoS, QoS, SNMP and 802.1X
• Security	SSL-based authentication
PORTS	
• Power Input	12V DC (Barrel port), 24V AC (2-pin terminal), IEEE 802.3af PoE (RJ-45)
• Audio	3.5mm (1/8")
• Storage	SD/SDHC card slot - up to 32GB
• Serial	RS-485
• Alarm Input / Output	Digital in/out (4-pin Terminal)
• Power Consumption	5W
PHYSICAL	
• Dimensions	6.2L x 2.8W x 2.2H in (158L x 72W x 55H mm) - does not include length of lens
• Weight	1.3 lbs (606g) - does not include the weight of lens
• Operating Temperature	32° - 122° F (0° to 50° C)
• Humidity	0% to 90% relative, non-condensing
• Camera Mount	1/4-inch x 20 threaded mounts (top and bottom)
• Enclosure	Will fit any housing that can fit camera dimensions + length of lens
MANAGEMENT	
• Configuration	Nextiva, Sconfigurator, or Internet Explorer 9.0
• Multi-Language Support	English, Spanish, French, German, Chinese
• Firmware Upgrade	Flash memory for upgrade of application firmware over the network. Mass update supported by Nextiva and EdgeVR.
CERTIFICATION & REGULATION	
• USA	FCC Part 15 (Subpart B, Class A)
• Canada	ICES-003/NMB-003 Class A
• Europe	CE Marking (EN55022, EN55024), GOST
• China	

### Verint Video and Situation Intelligence Solutions

Verint® Video and Situation Intelligence Solutions™ help protect people, property and assets, and enhance operational efficiency. The award-winning Nextiva® portfolio delivers a sophisticated framework for capturing enterprise-wide IP video and other security and operational information, and provides users with integrated analytics, situation management and operational management capabilities. Designed for use across the enterprise, finance, retail and critical infrastructure markets, Verint solutions help address the top security and operations challenges facing today's organizations through advanced security and business intelligence, vertical solutions and subject matter expertise.

### Verint. Powering Actionable Intelligence.®

Verint® Systems Inc. (NASDAQ: VRNT) is a global leader in Actionable Intelligence® solutions and value-added services. More than 10,000 organizations in over 150 countries use our solutions to improve enterprise performance and make the world a safer place. For more information about Verint, visit [www.verint.com](http://www.verint.com).



[videoinfo@verint.com](mailto:videoinfo@verint.com)  
1-866-NEXTIVA

330 South Service Road  
Melville, NY 11747 USA

[www.verint.com/videosolutions](http://www.verint.com/videosolutions)

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The ONVIF API Specification is available at:  
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