

Nextiva

S5250 All-Weather Vandal Dome Cameras with H.264 Technology



At A Glance:

- Five megapixel H.264 IP vandal dome Camera
- 3-9mm Motorized Varifocal lens with Auto-focus and remote-zoom
- Superior day/night functionality via automatic removable IR-cut filter
- Full IP66 with -40° to 122° F all-weather capability
- Built-in heater (PoE capable)
- 802.3af PoE, as well as 12V DC and 24V AC support
- 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 all-weather IP dome cameras with five megapixels provide ultra high-resolution images, combined with H.264 compression to reduce bandwidth and maximize storage capability. The S5250 delivers crystal clear images in forensic investigations and excellent coverage in geographically dispersed areas.

True High-Resolution with Five Megapixels

The S5250 all-weather cameras offer a horizontal resolution 30% greater than a 1080p camera with more than double the vertical resolution. For large outdoor areas such as airports, schools power stations and retail parking lots. This means far fewer cameras needed to provide the same coverage. These professional cameras leverage cutting-edge imaging capability and an automatic removable IR cut filter 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. The S5250FDW's motorized 3-9mm varifocal lens provides auto-focus and remote-zoom capability for fast and easy installation and setup.

Easy Implementation for Versatile Surveillance Applications

S5250 IP cameras are designed for easy, secure and cost effective installation. Full PoE 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 all-weather dome camera flexible, scalable and suitable for virtually any application or environment.

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 All-Weather Vandal Dome Cameras with H.264 Technology

VIDEO	S5250FDW-DN
• Imager	1/2.5" CMOS
• Effective pixels(HxV)	2560(w) x 1920(h)
• Day/Night Support	Automatic removable IR cut filter
• Analog Out	Full iime 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	Board Mount with full auto-focus and remote zoom
• Optical Zoom	3X
• F-Stop Range	F1.8
• Focal Length	3.6-9mm
• View Angle	TBD
• Mininum 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	12VDC (2-pin terminal), 24V AC (2-pin terminal), IEEE 802.3af PoE (RJ-45)
• Audio	3.5mm (1/8")
• Storage	Micro SD/SDHC card slot - up to 32GB
• Serial	N/A
• Alarm Input / Output	Digital in/out (4-pin terminal)
• Power Consumption	5W (no heater), Max draw is 12W (12 VDC) & 14.8W (24VAC)
PHYSICAL	
• Dimensions	Ø6.8 x 4.5H in (Ø173 x 115H mm)
• Weight	3.2 lbs (1444g)
• Operating Temperature	-40° - 122° F (-40° to 50° C)
• Humidity	0% to 100% relative, condensing
• Camera Mount	Surface mount (pendant, recess, wall, pole and corner mount options)
• Enclosure	Surface mount IP66, IK10 vandal resistance rating
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 Systems Inc.

Verint® (NASDAQ: VRNT) is the global leader in Actionable Intelligence® solutions and value-added services. Its extensive portfolio of Enterprise Intelligence Solutions™ and Security Intelligence Solutions™ helps worldwide organizations capture and analyze complex, underused information sources – such as voice, video and unstructured text – to enable more timely, effective decisions. More than 10,000 organizations in 150 countries, including over 85 percent of the Fortune 100, use Verint solutions to improve enterprise performance and make the world a safer place. Headquartered in N.Y. and a member of the Russell 3000 Index, Verint has offices worldwide and an extensive global partner network. Learn more at www.verint.com.



videoinfo@verint.com
1-866-NEXTIVA

330 South Service Road
Melville, NY 11747 USA

www.verint.com/videosolutions

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The ONVIF API Specification is available at: www.onvif.org