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Nextiva

S5000 All-Weather IP Dome Cameras with H.264 & High-Definition Technology



Nextiva® S5000 Series all-weather, IP dome cameras incorporate advanced H.264 compression technology to deliver crystal clear images, ultra-efficient bandwidth management, and excellent performance in virtually any outdoor video surveillance application.

Excellent Video Quality, More Effective Video Surveillance

These professional IP dome cameras feature resolutions from VGA to high-definition 2.0 megapixel to accommodate a wide range of video surveillance requirements. Dual streaming and supported video compressions from H.264 to MJPEG and MPEG-4 help optimize use of valuable bandwidth and storage. Additionally, settings such as compression and frame rate can be defined to change automatically based on alarms, motion, time of day, or other events, for greater situational awareness and more effective video surveillance.

Easy Implementation for Outdoor Surveillance Applications

These vandal-resistant IP domes are ideal for outdoor applications in which discreet and attractive surface-mounted cameras are needed. An elegant 3-axis gimbal and a wide varifocal lens facilitate setup at any mounting angle, and optional adapters allow mounting on walls, pendants, corners, and poles for greater versatility. Available Power over Ethernet reduces wiring and installation costs, and support for 12V DC or 24V AC enables these cameras to be readily retrofitted into existing systems to facilitate migration to IP. Additionally, features such as full-time analog BNC out for installation and setup, and 802.1X tamper trapping promote more flexible, cost-effective, and secure deployment.

Designed for easy installation and operation in any environment, Nextiva S5000 cameras can be configured using a Web browser interface or Nextiva Control Center, a centralized management portal.

Powered by Nextiva

Nextiva S5000 IP dome 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.

At A Glance:

- IP66 all-weather, day/night, vandal-resistant IP dome cameras for outdoor video surveillance
- Resolutions from high-quality VGA to high-definition 2.0 megapixel to provide crisp detail in any application
- Dual-stream H.264, MJPEG, and/or MPEG-4 video compression for optimal use of bandwidth and storage
- Easy on-site installation with 3-axis gimbal, mounting adapters, wide varifocal lens, full-time analog BNC, and more
- PoE for reduced wiring and installation costs and 12V DC/24V AC for retrofitting into existing systems
- Compatible with Nextiva Video Management software and the Nextiva EdgeVR network video recorder



VIDEO INTELLIGENCE SOLUTIONS™

Technical Specifications

	Nextiva S5003FDW-DN	Nextiva S5020FDW-DN
Video		
• Imaging Device	1/4-inch CMOS	1/3-inch CMOS
• Picture Elements	640(W) x 480(H)	1600(W) x 1200(H)
• Lens / Angle of View	3.3-12mm varifocal / auto-iris / F1.4	3-9mm varifocal / auto-iris / F1.2 — 2 MP
• Day/Night	Automatic removable IR cut filter	
• Minimum Illumination	0.3 lux @ F1.6 (shutter speed 1/30) 0 lux @ F1.2 (IR cut filter removed, with external IR illumination)	0.1 lux @ F1.2 (shutter speed 1/5) 0 lux @ F1.2 (IR cut filter removed, with external IR illumination)
• Analog Video Output	Full-time BNC analog video out, NTSC or PAL selectable	
• Max Streams	2 x H.264 and 1 x MPEG-4/MJPEG streams (other options available)	
• Performance	VGA/30fps - all channels	1600x1200/15fps (HD720p/30fps) 800x600/30fps - dual channels
• Compression	H.264, MPEG-4, MJPEG	
• Resolution	Scalable from 320x240 to 640x480	Scalable from 320x240 to 1600x1200
• Bandwidth	Configurable 40Kbps to 4Mbps	Configurable 40Kbps to 8Mbps
Network / Storage		
• Interface	RJ-45, Ethernet 10/100 Base-T	
• Protocols	TCP/IP, UDP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, CoS, QoS, SNMP, IPv4, IPv6	
• Security	HTTPS, SSL-based authentication, password protected, 802.1X	
IO Ports		
• Audio In / Mic	1/8in (3.5mm) jack for external mic, GSM/uncompressed	
• Audio Out	1/8in (3.5mm) line out A/V connector (mono)	
• Input	1 dry contact (configurable NO or NC)	
• Output	1 relay output (12VDC, 500mA)	
• SD Storage	SD/SDHC Card Slot, for local/back-up storage (SD card not included)	
• Serial	1 RS-485 (2 wires)	
Power		
• Input Voltage	12V DC +/-10%, 24V AC, IEEE 802.3af PoE class 3	
• Power Consumption	4W / 8W under cold temperatures	
Physical		
• Dimensions	6.7L x 5.3H in. (170L x 135H mm)	
• Weight	4.8 lb (2200g)	
• Operating Temperature	-4°F to 122°F (-20°C to 50°C)	
• Humidity	0 to 90% relative, non-condensing at 122°F (50°C)	
• Enclosure / Mount	Vandal dome, all-weather IP66, surface mount, optional mounting kits available	
Management		
• Configuration	Nextiva, SConfigurator, or Internet Explorer 6.0	
• Firmware Upgrades	Flash memory for upgrade of application firmware over the networks	
Certification and Regulation	RoHS Compliant	
• USA	FCC Part 15 (Subpart B, Class A)	
• Canada	ICES-003/NMB-003 Class A	
• Europe	CE marking (EN55022, EN55024)	
Models		
• S5003FDW-DN	H.264 IP66 weather proof and vandal-resistant fixed dome camera. VGA CMOS sensor, 3.3 to 12mm varifocal lens and automatic IR cut filter for true day/night.	
• S5020FDW-DN	High-definition H.264 IP66 weather proof and vandal-resistant fixed dome camera. 2.0 megapixel CMOS sensor, 3 to 9mm lens and IR cut filter for true day/night.	
Accessories		
• PS122	12 VDC ENERGY STAR qualified power supply for S5000 Series	
• PM-S50FDW	Pendant mount dome enclosure for outdoor fixed dome S50xxFDW IP cameras	
• PB-S50FDW	Pendant mount head junction for outdoor fixed dome S50xxFDW IP cameras	
• PP-S50FDW	Pendant mount pipes kit for S50xxFDW IP cameras (includes 6 X 9.25in (23.5mm) pieces)	
• PL-S50FDW	Pole mount adapter for S50xxFDW IP cameras. Fits with gooseneck bracket.	
• CR-S50FDW	Outdoor corner mount adapter for S50xxFDW IP cameras. Fits with gooseneck bracket.	

About Verint Video Intelligence Solutions

Verint® Video Intelligence Solutions™ is a worldwide leader in networked video, a “single source” for virtually every facet of video surveillance operations: from cameras, encoders, and intelligent DVRs to video management, viewing, and analytics software.

Verint. Powering Actionable Intelligence.®

Verint® Systems Inc. is a global leader in Actionable Intelligence® solutions and value-added services. More than 10,000 organizations in over 150 countries use our work-force optimization and security intelligence solutions to improve enterprise performance and make the world a safer place. For more information, visit www.verint.com.



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November 2011



The ONVIF API Specification is available at:
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