



VIDEO INTELLIGENCE SOLUTIONS™



# Nextiva Intelligent Edge Devices

The Nextiva® video portfolio from Verint® Video Intelligence Solutions™ features a comprehensive array of intelligent edge devices, from single- to multi-port encoders and decoders to powerful IP cameras and versatile wireless devices. Nextiva edge devices feature the industry's most effective video encoding technology, proven to provide excellent imagery, while using substantially less network bandwidth than comparable

encoders and IP cameras. Nextiva wireless transmitters, bridges, and receivers are built on wireless technologies optimized specifically for video unlike many wireless video devices in the marketplace today for more reliable performance and superior results. Nextiva also offers automated health monitoring and camera tampering detection that rapidly alert staff to situations that can compromise video availability.

# The Industry's Most

Single-port and multi-port,

## NEXTIVA SINGLE-PORT ENCODERS AND DECODERS

Nextiva single- and dual-port encoders and decoders deliver superior video quality and excellent performance in enterprise, critical infrastructure, and other video surveillance applications. The encoders provide dual- and triple-stream H.264, MPEG-4 and/or MJPEG video up to D1/30 frames per second, with Power over Ethernet (PoE) and on-board analytics each optional. Nextiva single-port devices also include an RS-232/422/485 serial connection for PTZ support, alarm inputs and outputs, SSL-based authentication, bi-directional audio, and an extended temperature option.



**HDR 1800** High-definition video decoder/receiver for use with Nextiva Virtual Matrix. Supports video walls and virtually all types of monitors, including analog, LCD and plasmas HDTV.

**S1802e** Compact, high performance and high-resolution H.264 two-port encoder, with 12VDC power supply and bi-directional audio.

**S1801e-R** Compact H.264 decoder with 12VDC power supply for displaying up to 4 video tiles at D1/30fps on analog monitors. Also available with HDMI connector for displaying up to 6 video tiles at D1/30fps on high-definition monitors.

**S1801e** Compact, high performance and high-resolution H.264 encoder, with 12VDC power supply and bi-directional audio. Also available with PoE support (PoE injector not included).

**S1900e** Compact, high-resolution MPEG-4 encoder with 12VDC power supply, 1 audio input, and on-board analytics support. Also available with extended temperature range support (-30/+55°C).

# Comprehensive Portfolio of Intelligent

wireline and wireless, indoor and outdoor, and analytics embedded —

## NEXTIVA MULTI-PORT ENCODERS



Designed for multi-camera, indoor applications, Nextiva powerful multi-port encoders provide dual- and triple-stream H.264 and/or MPEG-4 video up to D1/30 frames per second, an RS-232/422/485 serial connection for PTZ support, alarm inputs and outputs, and SSL-based authentication. Optional on-board video analytics and bi-directional audio are also available. Compact, lightweight and energy efficient, these devices fit in a 1U, 6-inch (15-cm) enclosure and provide low power consumption.

<b>S1816e-SP</b>	Cost-effective, energy-efficient and high-resolution encoder with H.264 and MPEG-4, 16 video inputs and an embedded Linux operating system, providing excellent video quality, optimal bandwidth and storage utilization, and low total cost of ownership.
<b>S1816e</b>	Energy-efficient and high-resolution encoder with H.264 and MPEG-4, 16 video inputs, up to D1/30fps on all channels and an embedded Linux operating system.
<b>S1808e</b>	Energy-efficient and high-resolution encoder with H.264 and MPEG-4, 8 video inputs, up to D1/30fps on all channels and an embedded Linux operating system.
<b>S1724e</b>	Cost-effective, high-resolution MPEG-4 encoder with 24 video inputs. Also available with 1 bi-directional audio input.
<b>S1712e</b>	Cost-effective, high-resolution MPEG-4 encoder with 12 video inputs. Also available with 12 uni-directional audio inputs or 1 bi-directional audio input.
<b>S1708e</b>	High-resolution MPEG-4 encoder with 8 video inputs, up to 4CIF/30fps on all channels. Also available with 12 uni-directional audio inputs or 1 bi-directional audio input. On-board analytics support also available (with or without bi-directional audio input).
<b>S1704e</b>	High-resolution MPEG-4 encoder with 4 video inputs, up to 4CIF/30fps on all channels. Also available with 1 bi-directional audio input and/or on-board analytics support.

# gent Edge Devices

only Verint offers all this.

## NEXTIVA IP CAMERAS

Nextiva IP cameras deliver high-definition video up to 2 megapixels in resolution. Multi-streaming enables users to customize H.264, MPEG-4, or MJPEG compression formats to meet their video surveillance requirements. Nextiva IP cameras combine excellent video quality with ultra-efficient bandwidth management and come in a variety of form factors — from fixed body and pan/tilt/zoom cameras to indoor and all-weather IP domes — to accommodate virtually any video surveillance application.



## FIXED BODY CAMERAS

**S5000 Series** Day/night IP cameras for indoor or outdoor surveillance, with H.264 video compression and resolutions from VGA to high-definition 2.0 megapixel.

**S5120 Series** Day/night 1080p IP cameras with H.264 video compression and frame rates up to 30 fps.

## INDOOR DOME CAMERAS

**S5000 Series** IP dome cameras with H.264 video compression, resolutions from VGA to high-definition 2.0 megapixel, and varifocal lens.

**S5120 Series** Day/night 1080p IP dome cameras with H.264 compression, auto-focus and remote zoom.

## OUTDOOR DOME CAMERAS

**S5000 Series** All-weather, vandal-resistant IP domes with true day/night functionality, resolutions from VGA to high-definition 2.0 megapixel, and varifocal lens.

**S5120 Series** All-weather, vandal-resistant, 1080p IP domes with H.264 compression, true day/night functionality, auto-focus and remote zoom.

## PTZ CAMERAS

**S5503** High-performance, H.264 IP PTZ cameras with up to 36 zoom, 4CIF resolution and true day/night functionality.



# An Innovator & Leader in IP Video

## MANAGEABILITY, INTEROPERABILITY, AND SECURITY

Nextiva intelligent edge devices are fully integrated with the Nextiva portfolio of video solutions and are designed according to accepted industry standards for easy interoperability with your existing IT infrastructure and video equipment.

RoHS compliant and UL certified, Nextiva intelligent edge devices also feature SSL-based authentication to help prevent unauthorized access and AES encryption with a rotating 128-bit key for a high level of security during wireless video transmission. Automated camera tampering detection rapidly determines when cameras are out of focus to help ensure critical images are available and reduce the need to physically examine cameras at each site.

## EASIER, MORE COST-EFFECTIVE IP MIGRATION

Nextiva edge devices ease migration to IP video, delivering the benefits of IP using existing analog investments. Nextiva's award-winning video encoders and wireless transmitters digitize and transmit

video from analog cameras using the most effective video encoding technology available today. Nextiva video decoders deliver the digitized video to analog and high-definition monitors for viewing.

Nextiva edge devices also help optimize use of valuable network resources, with H.264 and MPEG-4 video compression, dynamic bandwidth allocation, and multiple streaming capabilities. Dynamic noise reduction filters further reduce bandwidth utilization, while enhancing image quality.

## POWERFUL, EMBEDDED VIDEO ANALYTICS

Nextiva integrated, on-board video analytics analyze images at the point of capture and eliminate the need to send all video to centralized servers for analysis. This can significantly reduce network bandwidth, storage, and server requirements, while providing highly accurate image analysis. A wide array of Nextiva and third-party analytic applications are available for use with Nextiva intelligent edge devices.

## NEXTIVA WIRELESS EDGE DEVICES

Built specifically for real-world security applications, Nextiva wireless video devices transmit images from virtually anywhere with a combination of unparalleled features, practically unmatched in the industry. Nextiva wireless edge devices support dual-stream MPEG-4/MJPEG video transmission over license-free 2.4 and 5 GHz bands and the licensed 4.9 GHz US and Canada public safety bands. Designed for outdoor use, they feature compact, weatherproof enclosures, SSL-based authentication, AES encryption with rotating a 128-bit key, and a unique protocol to overcome standard wireless limitations. By combining a multi-band radio, encoder, and antenna in a single compact enclosure, these devices help speed deployment and reduce power and space requirements.



**S4100** Wireless video encoder/transmitter and decoder/receiver pair for point-to-point wireless applications, delivering MPEG-4 based video up to 4CIF/30fps.

**S4200** Wireless video encoder/transmitter for point-to-multipoint wireless applications, delivering dual-stream, MPEG-4 based video up to 4CIF/30fps, with optional on-board analytics.

**S4300** Wireless access point for aggregating traffic from multiple S4200 devices in point-to-multipoint applications.

**S4300-BR** Two units that act as a wireless bridge in point-to-point or point-to-multipoint applications. Also supports IP cameras.

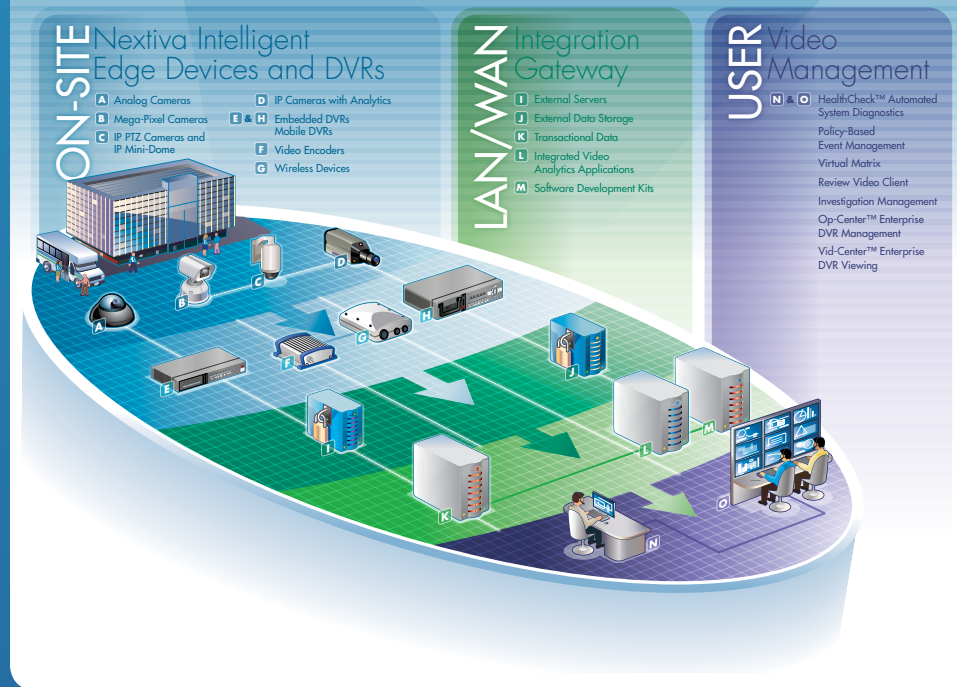
**S4300-RP** Wireless repeater for retransmitting signals from Nextiva wireless devices to a wired LAN in point-to-point or point-to-multipoint applications.

## EASY TO CONFIGURE AND MANAGE

Nextiva encoders, decoders, wireless devices, and IP cameras are designed according to accepted industry standards for easy interoperability with existing IT infrastructure and video equipment. Built for easy installation and management using Nextiva Video Management software, these edge devices can be remotely configured with the user-friendly Nextiva Control Center and monitored by Nextiva HealthCheck™, with automated diagnostics and problem correction for greater uptime and lower service costs.

## THE NEXTIVA VIDEO PORTFOLIO

Verint® Nextiva is the industry's most comprehensive networked video portfolio for enhancing security and operational effectiveness.



Nextiva award-winning intelligent edge devices capture images from virtually any fixed or mobile location, with the industry's leading wired and wireless video technology. It's integrated, on-board video analytics rapidly detect significant activity with superior analytic accuracy and lower network, server, and storage requirements.

Nextiva's robust video management software promotes more manageable and effective video operations and streamlines management of large, geographically dispersed operations. And Nextiva vertical market suites for critical infrastructure, mass transit, retail, and banking address industry-specific challenges and deliver superior business value.

### Verint. Powering Actionable Intelligence.®

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