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 optimised 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 alerts staff to situations that can compromise video availability.

The Industry's Most Comprehensive Portfolio of Intelligent Edge Devices

Single-port and multi-port, wireline and wireless, indoor and outdoor, and analytics embedded — only Verint offers all this.

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 4CIF/25 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 analogue, LCD and plasmas HDTV.
S1802e	H.264 compact, high performance and high-resolution two-port encoder with ENERGY STAR 12VDC power supply and bi-directional audio.
S1801e-R	H.264 compact decoder with ENERGY STAR 12VDC power supply for displaying up to 4 video tiles at 4CIF/25fps on analogue monitors. Also available with HDMI connector for displaying up to 6 video tiles at 4CIF/25fps on high-definition monitors.
S1801e	H.264 compact, high performance and high-resolution encoder with ENERGY STAR 12VDC power supply and bi-directional audio. Also available with PoE support (PoE injector not included).
S1970e-R	MPEG-4 compact decoder with 12VDC power supply for delivering high resolution video to analogue monitors, with single, quad, or guard tour display. Also available with extended temperature range support (-30/+60ºC).
S1970e	MPEG-4 compact, high resolution encoder with 12VDC power supply and 1 audio input. Also available with extended temperature range support (-30/+60ºC) and/or PoE support (PoE injector not included).
S1950e	MPEG-4 compact, cost-effective encoder with 12VDC power supply and 1 audio input. Also available with extended temperature range support (-30/+60ºC).
S1900e	MPEG-4 compact, high-resolution encoder with 12VDC power supply, 1 audio input, and on-board analytics support. Also available with extended temperature range support (-30/+55ºC).

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 4CIF/25 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.

S1816-SP	H.264 and MPEG-4 energy efficient, cost-effective and high resolution encoder with 16 video inputs and an embedded Linux operating system, providing excellent video quality, optimal bandwidth and storage utilisation, and low total cost of ownership.
S1816e	H.264 and MPEG-4 energy efficient, high resolution encoder with 16 video inputs, up to 4CIF/25fps on all channels and an embedded Linux operating system.
S1808e	H.264 and MPEG-4 energy efficient, high resolution encoder with 8 video inputs, up to 4CIF/25fps on all channels and an embedded Linux operating system.
S1724e	MPEG-4 cost-effective, high-resolution encoder with 24 video inputs. Also available with 1 bi-directional audio input.
S1712e	MPEG-4 cost-effective, high-resolution encoder with 12 video inputs. Also available with 1 bi-directional audio input or 12 uni-directional audio inputs.
S1708e	MPEG-4 high resolution encoder with 8 video inputs, up to 4CIF/25fps 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).
S1704e	MPEG-4 high resolution encoder with 4 video inputs, up to 4CIF/25fps on all channels. Also available with 1 bi-directional audio input and/or on-board analytics support.

NEXTIVA IP CAMERAS

Nextiva IP cameras deliver high-definition video up to 2 megapixels in resolution. Multi-streaming enables users to customise 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.
S2600e	4CIF, MPEG-4 IP camera with super-wide dynamic range and available day/night functionality.

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.
S2700e	High-performance, MPEG-4 IP mini-dome with 4CIF resolution, true day/night functionality, and 2.8-10mm varifocal lens.
S2750e	Cost-effective, MPEG-4 IP mini-dome with 4CIF resolution and 4-9mm varifocal lens.

OUTDOOR DOME CAMERAS

S5000 Series	All-weather, vandal-resistant IP dome with true day/night functionality, resolutions from VGA to high-definition 2.0 megapixel, and varifocal lens.
S2700e-VR	All-weather, vandal-resistant, MPEG-4 IP dome with 4CIF resolution, true day/night functionality and 2.8-10mm varifocal lens.

PTZ CAMERAS

S2800e	High-performance, MPEG-4 IP camera with 35x 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 unauthorised 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 analogue investments. Nextiva's award-winning video encoders and wireless transmitters digitise and transmit video from analogue cameras using the most effective video encoding technology available today. Nextiva video decoders deliver the digitised video to analogue and high-definition monitors for viewing.

Nextiva edge devices also help optimise 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 utilisation, while enhancing image quality.

POWERFUL, EMBEDDED VIDEO ANALYTICS

Nextiva integrated, on-board video analytics analyse images at the point of capture and eliminate the need to send all video to centralised 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 features virtually 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 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 also speed deployment and reduce power and space requirements.
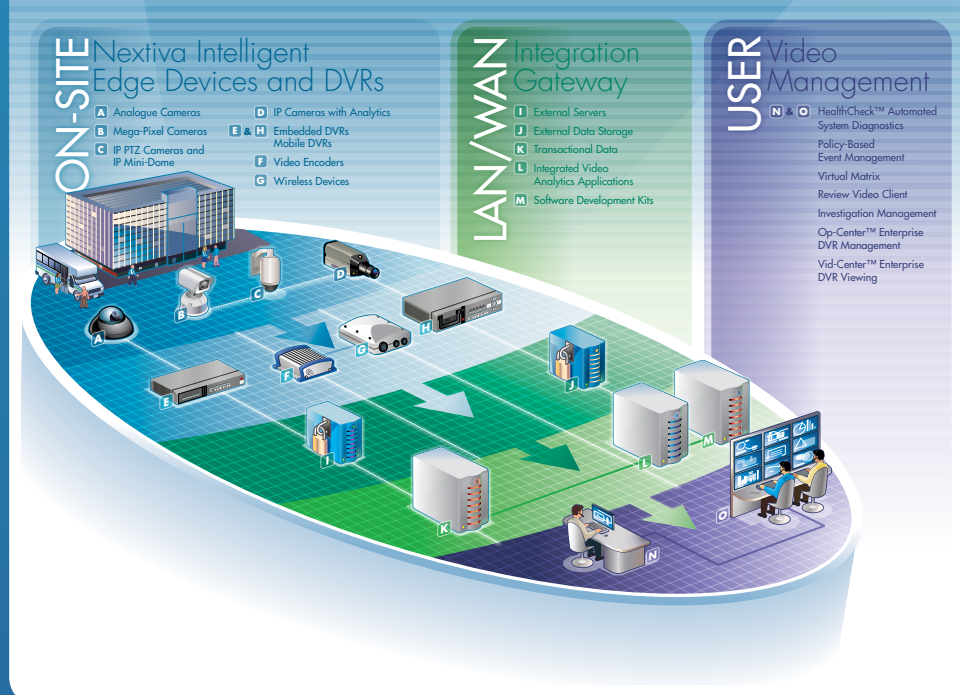
S4100	Wireless video encoder/transmitter and decoder/receiver pair for point-to-point wireless applications, delivering MPEG-4 based video up to 4CIF/25fps.
S4200	Wireless video encoder/transmitter for point-to-multipoint wireless applications, delivering dual-stream, MPEG-4 based video up to 4CIF/25fps, 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.

ON-SITE
Nextiva Intelligent Edge Devices and DVRs

- A Analogue Cameras
- B Mega-Pixel Cameras
- C IP PTZ Cameras and IP Mini-Dome
- D IP Cameras with Analytics
- E & H Embedded DVRs Mobile DVRs
- F Video Encoders
- G Wireless Devices

LAN/WAN
Integration Gateway

- I External Servers
- J External Data Storage
- K Transactional Data
- L Integrated Video Analytics Applications
- M Software Development Kits

USER
Video Management

- N & O HealthCheck™ Automated System Diagnostics
- Policy-Based Event Management
- Virtual Matrix
- Review Video Client
- Investigation Management
- Op-Center™ Enterprise DVR Management
- Vid-Center™ Enterprise DVR Viewing

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.