Nextiva S2600e

Wide Dynamic Range IP Camera With On-Board Storage and Analytics

Nextiva Intelligent Edge Devices address security and performance challenges across a wide range of environments and applications.

Designed for color or day-to-night operation, the Nextiva S2600e dynamic range IP cameras feature on-board storage and analytics.

The Nextiva™ S2600e is a professional IP camera with a super wide 102 dB dynamic range for excellent quality in high-contrast environments and 0.5 lux sensitivity for crisp images in even low lighting conditions.

Color or Day-to-Night Operation

Designed for color or day-to-night use, the Nextiva S2600e Series delivers dual stream, MPEG-4 SP video at up to 4CIF/30 Frames Per Second (FPS) and supports both interlaced and progressive scan video, rendering true undistorted 4CIF resolution on analog and digital video monitors.

Storage and Analytics "At the Edge"

The Nextiva S2600e features sophisticated on-board analytics, eliminating the need to send all video to centralized servers for analysis and dramatically reducing video transport and storage requirements. Optional on-board storage helps ensure that critical video is retained in the event of network failure. And, Power over Ethernet (PoE) increases scalability, while reducing wiring requirements.

KEY FEATURES
✔ Super wide 102 dB dynamic range IP camera with 0.5 lux sensitivity
✔ Powerful on-board analytics
✔ On-board storage using SD flash memory card
✔ Full color or day-to-night use
✔ Supports both interlaced and progressive scan video
✔ Dual stream, MPEG-4 SP video input up to 4CIF/30 FPS
✔ PoE support (IEEE 802.3af standard)
✔ Automated configuration, health monitoring, and diagnostics with Nextiva

Easy to Configure and Manage

Nextiva Control Center, an easy-to-use management portal, simplifies deployment and enables the Nextiva S2600e to be configured and administered from a single location and application. Nextiva HealthCheck™ continuously monitors the performance of the S2600e, with automated diagnostics and problem correction for greater uptime and lower service costs. The Nextiva S2600e can also be configured and managed using nDVR™ or Loronix Video Manager™ or from a Web browser.

Built on accepted industry standards for easy interoperability with existing IT infrastructure and video equipment, the Nextiva S2600e is a comprehensive IP solution designed to deliver superior functionality, scalability, and value.

Nextiva S2600e

Technical Specifications

GENERAL

Imaging Device	1/3-inch digital sensor
Dynamic Range	102 dB typical/120 dB maximum
Picture Elements	Sensor resolution: 742(H) x 554(V)
Horizontal Resolution	520 TVL (RGB), >480 TVL typical
Vertical Resolution	460 TVL
Synchronization	Internal
Iris Control	Automatic/manual
Auto Iris Lens Type	DC-drive
Minimum Illumination	0.5 lux, F/1.2, 40 IRE in color mode
	0.05 lux, F/1.2, 40 IRE in black and white
Signal-to-Noise Ratio	Greater than 48 dB
Day/Night Support (optional)	Automatic IR filter drive

NETWORK

Interface	Ethernet 10/100Base-T
Connector	RJ-45 jack3
Protocols	Transport: RTP/IP, UDP/IP, TCP/IP, or multicast IP
	Others: DNS and DHCP client
Security	SSL-based authentication

VIDEO

Analog Output	1 composite, 1 Vpp into 75 ohms (NTSC/PAL)
	Connectors: BNC female
Compression	MPEG-4 SP
Resolution	Scalable from 176x128 to 704x480 pixels NTSC and 176x144 to 704x576 pixels PAL
Frame Rate	1-30 FPS programmable (full motion)
Bandwidth	Configurable 30 Kbps to 6 Mbps

ALARM

Alarm	Input: 1 dry contact
	Output: 1 relay contact (48V AC/DC at 100 mA max.)

POWER

Supply Voltage	12VDC +/- 10% (5W without analytics, up to 6.5W with analytics) or PoE 802.3af class 3 device

PHYSICAL

Lens Mount	CS mounts
Camera Mount	1/4-inch UNC-20 screw, located on the bottom of camera housing; built-in video rotation
On-Board Storage (optional)	SD card support (SD card not included)
Enclosure	Metal case
Weight	1.2 lbs (0.54 kg)
Environmental	32ºF to 122ºF (0ºC to 50ºC) without analytics; 32ºF to 113ºF (0ºC to 45ºC) with analytics
Humidity	95% non condensing at 122ºF (50ºC)

MANAGEMENT

Configuration	Nextiva, nDVR, Loronix Video Manager, SConfigurator, or Internet Explorer 6.0
Firmware Upgrade	Flash memory for upgrade of video codec and application firmware over the network
Analytics (optional)	On-board Nextiva Analytics processing

CERTIFICATION AND REGULATION

USA	FCC part 15 (subpart B, class A)
Canada	ICES-003/NMB-003
Europe	CE marked, EN 55022:1998 class A, EN 55024

MODELS

S2600e	Color IP camera
S2610e	Color IP camera with day/night feature

WARRANTY

1-year limited warranty, covering parts and labor

RECOMMENDED LENSES (NOT INCLUDED)

Any good quality C (with adaptor) or CS mount 1/3 inch format, manual or DC auto iris lens