

Nextiva S2800e Series Cameras

Power Supplies



VIDEO INTELLIGENCE SOLUTIONS™



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The Nextiva® S2800e IP PTZ camera combines industry-leading Verint encoding technology with the feature-rich Vicon SurveyorVFT camera dome. The result is a high-performance IP PTZ camera with superior imagery, lower network bandwidth utilization, and full integration with the Nextiva video management portfolio.



This feature-rich IP PTZ camera may be deployed for color or day-to-night operation in environments characterized by low light or a wide range of lighting conditions. The S2800e features a digital slow shutter for low-light applications. Some models also feature wide dynamic range for excellent contrast and high-quality imagery and an EIS image stabilizer. Verint encoding technology delivers dual stream, MPEG4-SP or MJPEG video up to 4CIF/30 frames per second. So, users can view images at high resolution, but store them at lower resolution, for optimal image clarity and lower use of valuable bandwidth and storage resources.

The S2800e IP camera power supplies convert 120 or 230 VAC input to 24 or 28 VAC output. A variety of models is available, based on input voltage, output voltage and output current ratings. Power supplies are available for indoor or outdoor camera domes and cameras.

Table 2 summarizes the electrical characteristics of the power supplies. Table 3 supplies dimensional information.

Power Supplies

- 120 or 230 VAC input versions
- Versions for use with indoor and outdoor camera domes/cameras
- 24 VAC and 28 VAC single-channel versions



Model Number	Use With	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Output Power (nominal W, VA)
S24PS-230	Indoor camera domes/cameras	230 ±10%, 50/60 Hz	24 ±5%	2.5	60
S28WPS-230	Outdoor camera domes/cameras	230 ±10%, 50/60 Hz	28 ±5%	4	112
S28PS-1	Indoor camera domes/cameras	120, 50/60 Hz	28 ±5%	2.15 ±5%	60
S28WPS-1	Outdoor camera domes/cameras	120, 50/60 Hz	28 ±5%	3 ±5%	84

Model Number	Input Connector	Input Cable	Output Connector	Output Cable	Fuses
S24PS-230	European-style CEE7/16 2-prong plug	6 ft (2 m) European-type H03WH-2-F, 2x0.75 mm ²	None, strip and tin	2-conductor 6 ft (2 m) 18 AWG	None
S28WPS-230	European-style CEE7/16 2-prong plug	6 ft (2 m) European-type H03WH-2-F, 2x0.75 mm ²	None, strip and tin	2-conductor 6 ft (2 m) 18 AWG	None
S28PS-1	2-prong NEMA 1-15 plug, nonpolarized	2-conductor 6 ft (2 m) 18 AWG	Molex mini fit with contacts	2-conductor 6 ft (2 m) 18 AWG	None
S28WPS-1	2-prong NEMA 1-15 plug, nonpolarized	2-conductor 6 ft (2 m) 18 AWG	Molex mini fit with contacts	2-conductor 6 ft (2 m) 18 AWG	None

Table 2: Electrical Specifications

Technical Specifications

Model	Dimensions in. (mm)			Weight lb (kg)	Shipping Dimensions H x W x D in. (mm)	Shipping Weight lb (kg)	Shipping Volume ft ³ (m ³)
	Height	Width	Length				
S24PS-230	2.5 (63)	3.5 (89)	4.0 (102)	2.8 (1.3)	4.25 x 3.5 x 6.5 (108 x 89 x 165)	2.9 (1.3)	0.056 (0.0016)
S28WPS-230	2.6 (66)	3.1 (79)	5.2 (132)	5.4 (2.4)	3.5 x 7.25 x 4.75 (76 x 64 x 64)	5.5 (2.5)	0.07 (0.002)
S28PS-1	2.5 (63)	2.9 (74)	4.0 (102)	2.4 (1.09)	3.3 x 6.3 x 4.0 (85 x 160 x 102)	2.5 (1.1)	0.048 (0.0014)
S28WPS-1	3.3 (85)	3.4 (86)	5.8 (146.5)	7.1 (3.2)	3.5 x 8.1 x 5.1 (89 x 184 x 121)	7.2 (3.3)	0.08 (0.002)

Table 3: Measurements

ELECTRICAL

Input Voltage:	Refer to Table 1.
Output Voltage:	Refer to Table 1.
Output Power:	Refer to Table 1.
Input Connector:	Refer to Table 2.
Input Cable:	Refer to Table 2.
Output Connector:	Refer to Table 2.
Output Cable:	Refer to Table 2.
Dimensions:	Refer to Table 3.
Weight:	Refer to Table 3.

Construction: Single channel: High-impact, flame-retardant plastic.
Multi channel: Steel.

Shipping Information: Refer to Table 3.

Operating Temperature: 32 to 104° F (0 to 40° C).

Altitude: Up to 14,000 ft (4267 m) above sea level.

Storage Temperature: -13 to 158° F (-25 to 70° C).

Operating and Storage Relative Humidity: Up to 90% relative, non-condensing.