



Vicon's line of multi-channel camera power supplies offers the best in convenience and rugged design for all CCTV applications. They are 24 VAC output and UL compliant. The tables provide comparison summaries of the most important features.

Photo shown is typical multi-channel unit.

Multi-Channel Camera Power Supplies

- 120 VAC input, 24 VAC individually fused outputs
- 8 and 16 channel versions
- Surge protected
- UL listed, Class 2 rated
- Rugged and secure metal enclosure

Notes: SUPERSEDES PRODUCT SPECIFICATION V082-901

Contractors' Specification

**TECHNICAL SPECIFICATIONS
DIVISION 13 - SPECIAL CONSTRUCTION
SECTION 137__ - SECURITY CCTV SYSTEM**

SECURITY SYSTEM

PART 2 - PRODUCTS

2.01 GENERAL

- A. All equipment and materials used shall be standard components, regularly manufactured, regularly utilized in the manufacturer's system.
- B. All systems and components shall have been thoroughly tested and proven in actual use.
- C. All systems and components shall be provided with the availability of a toll free 24-hour technical support phone number from the manufacturer. The phone number shall allow for immediate technical assistance for either the dealer/installer or the end user at no charge.
- D. All systems and components shall be provided with an explicit manufacturer warranty.

2.02 DC POWER SUPPLIES FOR CAMERA DOME SYSTEMS

- A. Two power supplies shall be available to satisfy the power needs of multi-channel CCTV installations.
- B. They shall be powered with 120 VAC and output 24 VAC.
- C. They shall be available in 8- and 16-channel configurations.
- D. Both models shall be UL compliant and come packaged in rugged metal industrial enclosures.
- E. The power supplies shall have the following mechanical specifications:
 - 1. Dimensions:** Vary according to specific model, but shall be between:
 Height: 9.0-15.5-in. (229-393-mm).
 Width: 9.0-12-in. (229-305-mm).
 Length: 2.0-4.5-in. (51-114-mm).
 - 2. Weight:** Vary according to specific model, but shall be between 8.5 and 24.8 lb (3.9-11.2 kg).

The power supplies shall be Vicon model V248-3.5PS and V2416-8PS.

Technical Information

Model Number	Product Code	Number of Outputs	Total Output Current (A)	Total Output Power (W)	Isolated Outputs	Output Protection Type
V248-3.5PS	7668	8	3.5	84	No	Fused
V2416-8PS	7669	16	8	192	No	Fused

Table 1: Models and Descriptions

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				
V248-3.5PS	9 (229)	9 (229)	2.0 (51)	8.5 (3.9)	9.5 x 9.5 x 2.5 (241 x 241 x 63.5)	9.3 (4.2)	0.07 (0.002)
V2416-8PS	15.5 (393)	12 (305)	4.5 (114)	24.8 (11.2)	16 x 12.5 x 5 (406 x 308 x 127)	27.2 (12.3)	0.5 (0.014)

Table 2: Dimensions and Weights

ELECTRICAL

- Input Voltage:** 120 VAC, 60 Hz nominal.
- Output Current:** Refer to Table 1.
- Output Power:** Refer to Table 1.
- Input Connector:** Color-coded flying leads to transformer.
- Output Connector:** Terminal block type.
- Safety Standard:** UL 2204, Class 2 rated.

MECHANICAL

- Application:** Indoor.
- Mounting:** Surface.
- Dimensions:** Refer to Table 2.
- Weight:** Refer to Table 2.
- Construction:** Heavy-duty steel enclosure. PC board design.
- Color:** Beige.
- Shipping Information:** Refer to Table 2.

