

ACCESSORIES - Power Supply PS24

PS24



DESCRIPTION

The VIDEOLARM PS24 is a 115 VAC input by 24 VAC output power supply. The power supply is enclosed in a rugged hinged enclosure, and is designed for indoor mounting. It can also be mounted outdoors in a larger, Nema-type enclosure. The PS24 is designed to supply power for up to 2 VIDEOLARM outdoor dome housings with heaters, pan/tilt, and receiver/drivers.

FEATURES

- 175 VA output
- 20-gauge painted steel enclosure
- Five 7/8" conduit knockouts
- Hinged door
- 8 Amps
- Unit is not fused

ARCHITECTURAL/ENGINEERING SPECIFICATIONS

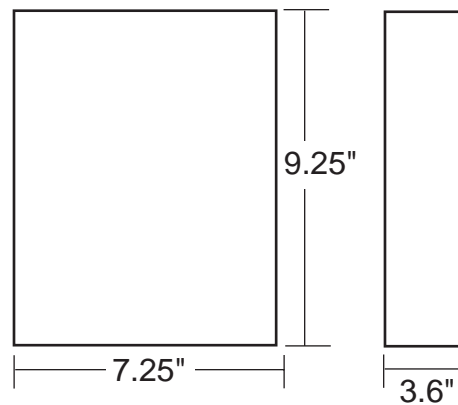
The power supply shall be a 115 VAC input by 24 VAC output unit, rated at 8 amps. It shall not be fused. It shall be designed to support up to 2 outdoor housings with heaters, pan/tilts, and receiver/drivers. The body of the unit shall be 20-gauge steel with a hinged door for access. Five 7/8" conduit knockouts shall be provided. The unit shall be capable of use in outdoor locations when enclosed in a NEMA type enclosure.

24k VAC Wiring Distances

The following are the recommended maximum distances for 24 VAC with a 10% voltage drop (10% is generally the maximum allowable voltage drop for AC powered devices).

Total vA consumed	Wire Gauge						
	22	20	18	16	14	12	10
5.5	250	400	600	960	-	-	-
10	120	180	300	480	800	1300	-
20	89	141	225	358	571	905	1440
30	65	90	130	225	350	525	830
40	44	70	112	179	285	452	720
50	35	56	90	143	228	362	576
60	29	47	75	119	190	301	480
70	25	40	64	102	163	258	411
80	31	34	55	85	140	215	340
90	19	31	50	79	126	201	320
100	17	28	45	71	114	181	288
110	16	25	41	65	103	164	261
120	14	23	37	59	95	150	240
130	13	21	34	55	87	139	221
140	12	20	32	51	81	129	205
150	11	18	30	47	76	120	192
160	11	17	28	44	71	113	180
170	10	16	26	42	67	106	169
180	9	15	25	39	63	100	160
190	9	14	23	37	60	95	151
200	8	14	22	35	57	90	144

Maximum distance from transformer to load



SHIPPING SPECIFICATIONS

Model	Unit Weight	Shipping Weight	Shipping Box Dim.
PS24	9 lb s	*	12.5 x 10.5 x 5.5

* Shipping weights depend on box dimensions.