

2310101004

**SD435-PSG-E1**

Camera dome SST day-night PTZ 35x optical zoom IP66

Product image  
not available

## Description

- ✓ 3 Autofocus, High Resolution Integrated Camera/Optics Packages;
- ✓ Multiple Back Box Models
- ✓ Day/Night, 540 TVL, 128X Wide Dynamic Range (WDR), Motion
- ✓ Detection, and Electronic Image Stabilization (SD435 Series)
- ✓ Day/Night, 540 TVL, 80X Wide Dynamic Range, and Motion
- ✓ Detection (SD4CBW Series)
- ✓ Window Blanking
- ✓ Camera Title Overlay, 20 User-Definable Characters
- ✓ Horizontal and Zone Blanking
- ✓ On-Screen Compass and Tilt Display
- ✓ Password Protection
- ✓ Freeze Frame During Presets

- ✓ Built-in Surge and Limited Lightning Protection
- ✓ Integrated Passive Unshielded Twisted Pair (UTP) Circuit
- ✓ Freeze Frame During Presets
- ✓ Built-in Surge and Limited Lightning Protection
- ✓ Integrated Passive Unshielded Twisted Pair (UTP) CircuitW

# Specifications

## GENERAL

Construction		
Back Box		
Surface Mount	Plastic	
In- Ceiling	Aluminum	
Pendant	Aluminum	
Dome Drive	Aluminum, thermo plastic	
Bubble	Acrylic	
Light Attenuation		
Smoked	f/0.5 light loss	
Clear	Zero light loss	
Chrome	f/2.0 light loss	
Gold	f/2.0 light loss	
Cable Entry (Back box)		
In-Ceiling and Surface Mount	0.75-inch conduit fitting	
Pendant	Through 1.5-inch NPT pendant mount	
Weight (approximate)	Unit	Shipping
Back box		
Surface Mount	0.7 lb (0.32 kg)	2 lb(0.90 kg)
In-Ceiling	1.5 lb(0.68 kg)	2 lb(0.90 kg)
Environmental		
In-Ceiling	2.1 lb(0.95 kg)	3 lb (1.36 kg)
Standard Pendant	2.4 lb(1.09 kg)	4 lb(1.81 kg)
Environmental Pendant	3.5 lb(1.59 kg)	5 lb(2.27 kg)
Dome Drive	3.3 lb(1.48 kg)	5 lb(2.27 kg)
Lovwer Dome		
Surface Mount	0.4 lb(0.18 kg)	
In-Ceiling	0.2 lb(0.09 kg)	
Pendant and Enviromental		
In-Ceiling	0.6 lb(0.27 kg)	2 lb(0.90 kg)
Environment		

Surface Mount	Indoor
In-Ceiling	Indoor
Environmental In-Ceiling	Outdoor
Pendant, Standard and Enviromental	Indoor/ Outdoor
Operating Temperature	
Surface Mount and Indoor In-Ceiling	32° to 122°F (0° to 50°C)
Standard pendant	(Assumes no wind chill factor)
Maximum	113°F (45°C) absolute maximum;
	95°F (35°C) sustained maximum
Minimum	25°F (-4°C) sustained minimum
Environmental	
In-Ceiling and Enviromental Pendant	(Assumes no wind chill factor)
Maximum	140°F (60°C) absolute maximum;
	122°F (50°C) sustained maximum
Minimum	-60°F (-51°C) absolute minimum; prevents icing at substained minimum of 50°F (-45°C); de-ices 0.1 inch (2.5mm) within 3 hours after power-up
Effective Projected	
Area (EPA)	20.5 square inches (without mount)
	47 square inches (with IWM Series mount)

## MECHANICAL (DOME DRIVE ONLY)

Pan Movement	360° continuous pan rotation
Vertical Tilt	Unobstructed +2° to -92°
Manual Pan/ Tilt Speeds	
Pan	0.1° to 80°/sec manual operation, 150°/sec Turbo
Tilt	Tilt 0.1° to 40°/sec manual operation
Preset Speeds	
Pan	400°/sec
Tilt	200°/sec
	For variable-speed operation an appropriate controller is required (with nonvariable speed control, Spectra IV SE pan /tilt speed is 20°/ sec.)

## ELECTRICAL

Input Voltage	18 to 32 VAC; 24 VAC nominal
	2 to 27 VDC; 24 VDC nominal
Input Power	
24 VAC	23 VA nominal (without heater);
	73 VA nominal (with heater)
24 VDC	0.7 A nominal (without heater)
	3 A nominal (with heater)
Fuse	1.25 A
Auxiliary Outputs	2
Alarm Inputs	7

## CERTIFICATIONS / RATINGS / PATENTS

---

CE, Class B

---

FCC, B

---

UL /cUL Listed

---

C- Tick

---

S Mark for Argentina

---

GHOST

---

U.S. Patent 5,931,432;  
6,793,415 B2; 6,802,656  
B2; 6,821,222 B2;  
7,161,615 B2

---

Meets the following  
standards:

---

NEMA Type 4X, IP66 when  
installed properly ( BB4-F-  
E, BB4-PB, BB4-PG, and  
BB4-PG-E)

---

NEMA Type 1, IP40 (BB4-  
SMW, BB4-SMB and BB4-  
F)

---