

TECHNICAL SPECIFICATIONS

MODELS

PT1260EX	Explosionproof/weatherproof pan/tilt, 120 VAC
PT1260EX/220	Same as PT1260EX except 230 VAC operation
PT1260EX/PP	Same as PT1260EX except has preset option; requires preset control
PT1260EX/PP/230	Same as PT1260EX/PP except 230 VAC operation

ELECTRICAL

Input Voltage		
PT1260EX, PT1260EX/PP	120 VAC, 50/60 Hz	
PT1260EX/220, PT1260EX/PP/230	230 VAC, 50/60 Hz	
Power Requirements		
PT1260EX, PT1260EX/PP	Pan	Tilt
Running	0.48 A (57.5 VA)	0.48 A (57.5 VA)
Starting	0.60 A (72.5 VA)	0.60 A (72.5 VA)
PT1260EX/220, PT1260EX/PP/230	Pan	Tilt
Running	0.19 A (43.7 VA)	0.27 A (62.1 VA)
Starting	0.19 A (43.7 VA)	0.27 A (62.1 VA)
Connectors	Explosionproof gland (supplied)	
Motors	Two-phase induction type, instantaneous reversing	
Limit Switches	5 A each (pan and tilt); internal adjustment	
Conductor Requirements	6, unshielded (functions: left, right, up, down, motor common, safety ground); PP option requires 4 additional conductors	
Maximum Operating Distances*		
PT1260EX and PT1260EX/PP		
6 Conductors	Cable Size	Maximum Distance
	20 AWG (0.5mm ²)	489 ft (149 m)
	18 AWG (1.0mm ²)	778 ft (237 m)
	16 AWG (1.5mm ²)	1,235 ft (376 m)
PT1260EX/220 and PT1260EX/PP/230		
6 Conductors	20 AWG (0.5mm ²)	2,463 ft (750 m)
	18 AWG (1.0mm ²)	3,918 ft (1,194 m)
	16 AWG (1.5mm ²)	6,218 ft (1,895 m)

*Distances are calculated with both motors (pan and tilt) running and assuming a 10% voltage drop.

MECHANICAL

Pan	0° to 355° movement in horizontal plane
Speed	6°/sec ±1°
Torque	50 ft-lb with specified voltage
Tilt	±90° movement in vertical plane
Speed	3°/sec ±0.5°
Torque	100 ft-lb with specified voltage
Maximum Load	100 lb (45.4 kg) at 5" (12.7 cm) from tilt table surface to center of gravity
Gearing	Adjustable worm-gear final drive to prevent drift and minimize backlash
Bearings	
Pan	Sealed, heavy-duty ball bearings
Tilt	Oilite bronze bushing
Braking	Mechanical
Duty Cycle	50% duty cycle; 30 minute rating

GENERAL

Construction	Anodized, aluminum plate; all internal and external parts corrosion protected; stainless steel fasteners
Tilt Shaft	Type 316 stainless steel
Finish	Gray polyester powder coat
Environment	Indoor/outdoor operation
Temperature	-10° to 120°F (-23° to 49°C)
Unit Weight	69 lb (31.2 kg)
Shipping Weight	75 lb (34 kg)

CERTIFICATIONS/RATINGS

- UL Listed (PT1260EX and PT1260EX/PP)
- For use in Class I (Groups C and D) and Class II (Groups E, F, and G) hazardous locations (PT1260EX and PT1260 EX/PP)
- Meets NEMA Type 4X standards

RECOMMENDED CONTROLS

Coaxitron® or Matrix	See individual specification sheets for information. Preset pan/tilt must be used with Coaxitron or matrix control with PP capability and preset receiver.
MPTAZ Series	Desktop pan/tilt and zoom lens control with auto/random scan for 120/230/24 VAC pan/tilts.

RECOMMENDED ENCLOSURES

EHX*E Series	Explosionproof enclosure
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Pelco by Schneider Electric

3500 Pelco Way, Clovis, California 93612-5699 United States
USA & Canada Tel (800) 289-9100 Fax (800) 289-9150
International Tel +1 (559) 292-1981 Fax +1 (559) 348-1120
www.pelco.com

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