

COMPACTSEC PTZ™

Commercial Thermal Security System



Different Field of View

CompactSec™ PTZ different models offer a variety of FOV to comply with your specific application need, using different optional athermalized lenses which do not require zoom and focus adjustment while changing observation position.

- PCS-8 - 8.5mm – for 65° FOV
- PCS-19 - 19mm – for 28° FOV
- PCS-35 - 35mm – for 15° FOV

Perfect for Commercial Industrial and Residential Applications

- Monitoring dimly lit or unlit entries and exits
- Indoor and outdoor commercial or industrial structures
- Large open areas, Refineries, Canyons
- Residential properties and gated communities
- Banks, Schools, Hospitals

Rigid and Robust

Designed and certified for outdoor applications in all types of weather, IP66 Standard – sealed for humidity, water and dust. The system is protected against electrical disorders currents and spikes.

Description

The CompactSec™ PTZ is a thermal imaging commercial security system. It provides superb performance that was traditionally used for military security forces, now affordable for the civilian security community. The pan tilt platform, provides 360° degrees thermal observation to track and follow suspicious moving targets.

Image Quality and Performances

CompactSec™ cameras are based on Opgal's state of the art uncooled microbolometer image processing technology. With it's new innovative extra sensitive CompactEye™ core that is combined with lenses selected for best performance, providing clear and contrasted images.



CompactEye™

Easy to Install With Different Brackets

CompactSec™ PTZ are industry-standard environmental systems designed especially for easy and simple installation. CompactSec™ PTZ offers two optional brackets that enable common mount.

- Wall Bracket
- Pedestal adapter

Optional Brackets

WALL Bracket



Pedestal adapter



COMPACTSEC™

Technical data

Features	Description / Performance
Focal Plane Array	Uncooled Microbolometer
Spectral Band	8-14 μm
Number of Pixels	384x288
Analog Video Format	PAL or NTSC (user configurable)
Frame Rate	CCIR (PAL) 25 Hz, RS-170 (NTSC) 30 Hz
Pixel Size	25 μm
Input Power	24 VAC
Communication	PelcoD over RS 485
Control Operation	Polarity, NUC, Digital Zoom, Freeze
Power Consumption	< 50 W
Operating Temperature Range	-20°C to +55°C
Dimensions	Camera: \varnothing 112 x 387mm (L) PTZ: 200 x 204 x 240mm
Weight	< 13 kg
Certifications	Outdoor IP66
Pan-Tilt	
Pan rotation	360° continuous rotation
Tilt rotation	+35° ~ -85° unobstructed rotation
Manual control speed	
Pan	0.1°~100° /Second
Tilt	0.1°~80° /Second

Control Keyboard (Optional)

LCD display menu, 3 axis joystick. DVR and alarm control.
Protocol: Supports Pelco-D, Pelco-P, Power supply: 12VDC



CompactSec™ Models and Performances

PCS-8

CompactEye **8.5mm** Athermal
384X288, 65° FOV



Human Target
■ Detection: 160m
■ Recognition: 55m



NATO Target
■ Detection: 390m
■ Recognition: 130m

PCS-19

CompactEye **19mm** Athermal
384X288, 28° FOV



Human Target
■ Detection: 370m
■ Recognition: 120m



NATO Target
■ Detection: 920m
■ Recognition: 310m

PCS-35

CompactEye **35mm** Athermal
384X288, 15° FOV



Human Target
■ Detection: 650m
■ Recognition: 220m



NATO Target
■ Detection: 1600m
■ Recognition: 540m

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