j-systems
Engineered Surveillance Solutions

Long Range IP Fixed & Portable PTZ Starlight Camera Systems

Long Range, PTZ, 5MP Starlight Camera Systems with H.264 Video Compression
400mm, 750mm, and 1500mm Focal Length MP, IR Corrected Power Zoom Lenses (Fog Filter Option Availble)

Variable Speed PTZ

HD 5MP Starlight IP Camera

H.264 Video Compression

400, 750, 1500mm MP, IR Corrected Lens

Heated / Cooled Camera Enclosure

Designed for Rugged Outdoor Use

17 User Defined PTZ Presets

Automated Patrol Sequencer

Easily Remote Controlled

The Ideal, Long Range Surveillance System

Heavy Duty Pan-Tilt Head

Enhanced Stability in Wind Gusts

Waterproof Connectors

Designed for -30C to +70 C Operation

Horz Field of View ~ 20ft at 1-Mile

Pelco D Protocol Joystick Control

Heavy Duty Tripod Option

Numerous Harsh Duty Options

Long Range Surveillance Systems

These camera systems have been designed to meet your long range video surveillance needs. Available in 400mm, 750mm, and 1500mm focal lengths, these systems have been built for harsh environments. An optional fog/haze filter and multpile camera selections make these systems ideal for your most demanding long range video surveillance tasks.

Camera choices range from day/night 2MP HD to 5MP Starlight. The 400mm system is small making it the most portable for ad-hoc deployments. The 750/1500mm lenses are available with 2x extender and fog/haze filter. Environmental options include thermal insulation, window defroster, and dry wiper. Camera and lens are mounted inside a heated and cooled aluminium camera enclosure. The camera enclosure is mounted to a JPTH-35 harsh duty pan-tilt head which is controlled by the JPTMC-01 PWM PTZ IP based controller. The controller allows remote control of all pan-tilt positioning as well as zoom and focus control of the motorized lens. 17 user-defined Presets can be combined in a fully user defined automated patrol.

Ideal For
Temporary Remote Camera Locations
Remote Law Enforcement Surveillance
Rapid Camera Deployments
Long Range Day/Night Surveillance

High Resolution, Day/Night PTZ Camera System

FEATURES

- **Designed for Harsh Environments (-30C to +70C)**
- **IP Based Control of All Lens & PTZ Functions**
- **17 User Definable Pan, Tilt, Zoom, and Focus Presets**
- **Excellent Preset Repeatability**
- **MP and Starlight H.264 Cameras w/ Auto Back Focus**
- **Up to 1500mm, 2-3MP, IR Corrected Power Zoom Lens**
- **Heavy Duty Tripod (optional)**
- **Works with Pelco D Protocol Joystick**
- **Fog Filter, 2X Extender, Wiper, Window Defroster (options)**

750mm and 1500mm with Fog / Haze Filter

400mm

Specifications Are Subject to Change Without Notice

Camera / Lens Parameters

Resolution	HD 1080p IP Camera w/ 1/2.7 in CMOS Imager *or* 5MP Starlight HD 720p IP Camera w/ 1/1.8 in CMOS
Video Compression / FPS	H.264; 25-30 fps
Iris Control	DC Auto Iris
Illumination	0.00275 lx 1080p Mono to 0.0121 lx 5MP Color
Features	Motion Detection, Video Analysis (IVA)
	Auto Back Focus, Micro SD Card Slot, ONVIF S
Lens Focal Length	400. 750, and 1500mm (call for lens options)
Motor Drive	Zoom and Focus
Resolution	2 or 5MP Cameras / 2-3MP Lenses
Day/Night	IR Corrected Lenses for Day/Night Operation
Iris / Presets	DC Auto Iris with Zoom and Focus Presets

PTZ Control System

PTZ Positional Controller	JPTMC-01 IP Based PTZ Controller PC104 Format
PTZ Joystick Control	Decodes Pelco D Protocol from Joystick or Camera
Presets (PTZ and F)	17 User Defined Presets for Pan,Tilt, Zoom, & Focus
Aux. Relay	User Controlled, Pulsed Up To 18 Hrs
Analog Alarm Inputs	Two 4 to 40 VDC Analog Alarm Inputs.
Alarm Actions	Pulses Relay on Alarm *or* GoTo Preset Position
Motion Limits	User Defined Soft Limits for PTZ and F Motions
Patrol Function	Any Or All of 17 Presets w/ Adjustable Dwell Time
Auto Hold	Locks Pan/Tilt Head in Position after 2-seconds
Temperature Readout	Deg F at PCB Level +/- 3 degs F

Operating Parameters

Operating Voltage	110/220 VAC 60Hz - 25ft Outdoor Power Cord
Operating Temperature	-30C to +70C All Weather
Connectors	Waterproof
ESD Protection	Camera and PTZ Controller Fully Protected
Changing Temp / Pressure	Pressure Relief Valve to Prevent Door Gasket Bulge

Extensive API Available

If you require a different camera, larger lens, or wirlesss communication options,
Please call to discuss your specific application needs.

Please Call for Engineering Assistance   630-627-3458