



Features:

- Superior Image Quality (700TVL) with Excellent Color Reproduction
- 1/4" Type EXview HAD CCD
- True Day/Night and Wide Dynamic Range (WDR) Functionality
- Perfect Image with Powerful Wide Dynamic Range in any Light
- Pan: 360° Endless, Tilt: 0°~180° (Digital Flip)
- 22X Optical Zoom / 16X Digital Zoom
- Auto Recognize Pelco P and Pelco D Protocols
- Define up to 240 Preset Camera Views that can be Recalled with a Simple Keyboard Command
- Up to 8 Tours, consisting of Presets, Patterns, Auto-Scans and other Tours, can be Programmed with over 150 Functions and Preset Locations
- 16 Auto-Scans with Normal, Vector and Random Mode and Endless Auto-Pan with 13 Speed Steps
- Built-in RS-485 Receiver / Driver
- Multi-language Menu Display, Password Confirmation
- Built-in RS-485 Receiver / Driver
- Flush, Pendant and Wall Mount Options Available
- Impact Resistant and IP66 Weather-Resistant Rated Housing, with Built-in Heater
- Dual Power Operation 12VDC / 24VAC

Performance Series Specifications

MODEL	ILS APTZ		
POWER	Power Source	12VDC (if heater not to be used); 24VAC (if heater is to be used)	
	Power Consumption	12.0W without heater; 22W with heater	
	Image Sensor	1/4" Type EXview HAD CCD	
	Scanning System	2:1 Interlace	
	Sync. System	Internal / Line Lock	
	Resolution	700TVL (Color), 750TVL (B/W)	
	Min. Illumination	0.1 lux (Normal), 0.00001 lux (Low-Shutter)	
	Video Output	1.0 Vp-p (75 ohm, Composite)	
	S/N Ratio	> 50dB (AGC off)	
	Camera Control	RS485 (Fastrax II, Fastrax IIE, Pelco D, Pelco P)	
FUNCTION	TRUE Day/Night	Yes	
	WDR	Yes	
	Motion Detection	Yes (in Preset)	
	Panning Angle	360° Continuous Rotation	
	Tilting Angle	0° ~ 180° (Digital Flip: On / Off)	
	Preset Speed	Pan/Tilt: 380°/sec.	
	Preset	240 Position s	
	Tour	8 Tours (Consist of 42 Functions / 1 Tour)	
	Auto Scan	1 Auto Pan and 16 Auto Scans Capability	
	Area Title	16 Areas w/12 Characters	
LENS	Alarm Input	4 inputs (NO/NC)	
	Alarm Output	1 Output (5VTTL)	
	Zoom Ratio	Optical 22x, Digital 16x Zoom (Video AF)	
	Focus Length	f = 3.9mm ~ 85.8mm	
	Aperature Ratio	F1.6 (wide) ~ F3.7 (tele)	
	CONNECTOR	Power Input	2-Pin Terminal Block
		Video Output	BNC Connector
		RS485 Control	2-Pin Terminal Block
		Alarm Input/Output	4-Pin Terminal Block
		Operating Temperature	14°F ~ 122°F (-10°C ~ +50°C) (without heater used); -22°F ~ 122°F (-30°C ~ +50°C) (with heater used)
Operating Humidity		0 ~ 90% RH (Non-condensing)	
Storage Temperature		-4°F ~ 140°F (-20°C ~ 60°C)	
Dimensions (Dia x H)		6.06 x 5.51in (154 x 140mm)	
Weight		3.31lbs (1.5kg)	
Conformity Certifications		FCC, UL, RoHS	

With Built-In ILS Custom V3 Firmware