

EL-SD-7X0 SERIES SPEED DOME

18X, 22X, 23X 25X Speed Dome Camera, with multi-protocol.

360° continuous Pan Rotation. Auto Turn Around function;

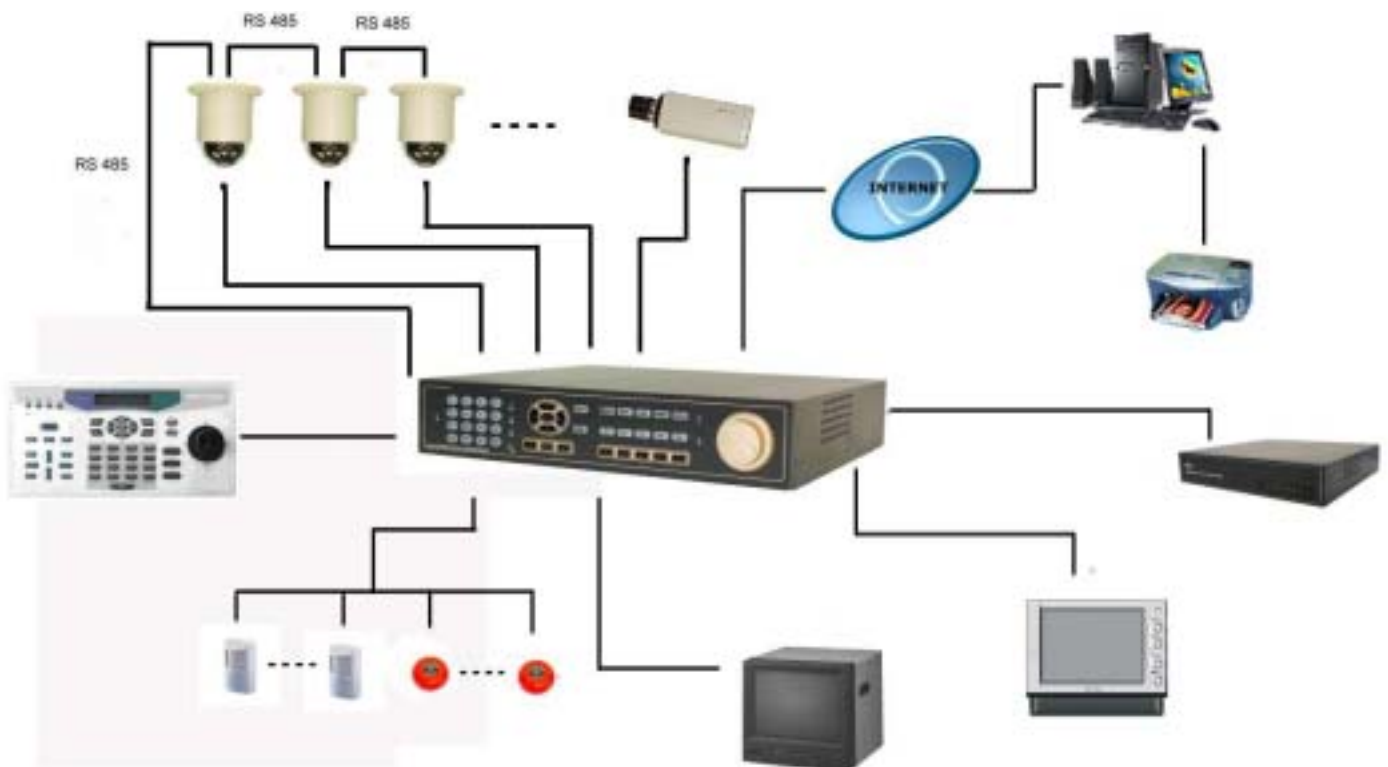
Continuous auto focus; Privacy Masking available.

FEATURES

- 5" Compact, Low Profile Color Dome Camera
- 360° Continuous Pan Rotation
- Continuous Auto Focus
- Variable Speed 1° ~ 375°
- Auto Turn Around Function
- Digital Flip (23x,25x only)
- Home Position
- Privacy Masking (18x, 23x, 25x only)
- Minimum illumination: 0.01 Lux (Optional)
- Advanced DSP Camera
 - Auto White Balance
 - Backlight Compensation
 - Auto Iris Control
 - Electronic Shutter
- Remote Control via RS-485
- Auto Panning function with preset positions
- Zoom range change then Pan/Tilt speed change
- On Screen Display for Camera Control
- 12VDC/ 24VAC Model Available
- Twist Lock Release from Base for Easy Installation and Servicing



SYSTEM ARCHITECTURE



SPECIFICATIONS

* Design and specifications are subject to change without prior notice*

GENERAL FEATURES

Environment	Indoor / Outdoor
Controller I / F	RS-485
Operating Temperature	0°~40°C
Power Source	24VAC or 12VDC
Power Consumption	14.04W
Dimensions	Ø130 x 200 mm
Weight	1.5 kg

ROTARY BODY FEATURES

		EL-SD7X0-□-□□
Pan Travel		360°endless
Tilt Travel		0°-90°
Manual Speed		0.5°-150°/s
Preset Speed	PAN	1°-375°/s High Resolution
	TILT	6°-360°/s Standard*

*Standard: 768 steps/circle High Resolution: 1600 steps/circle

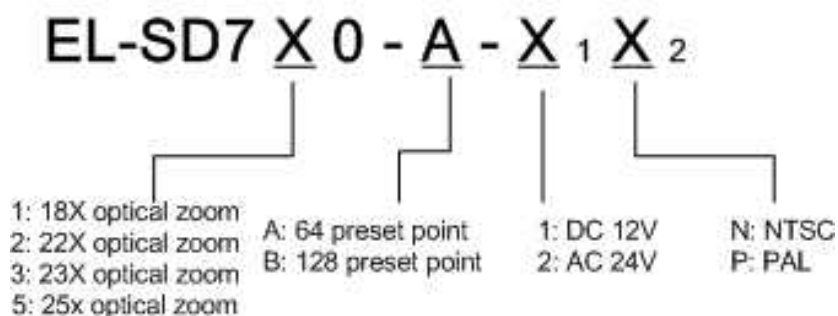
CONTROL FEATURES

	EL-SD710-A	EL-SD720	EL-SD730	EL-SD750	EL-SD750-A
D&P protocol	Yes	Yes	Yes	Yes	Yes
Presets	64	128	128	128	64
Preset Accuracy	0.50	0.50	0.50	0.50	0.50
Patterns	1	1	1	1	1
Sequence	6	4	4	4	6
Auto-Pan	1	1	1	1	1
Privacy Mask	4	x	2	24	4
Proportional Pan & Tilt with zoom	Yes	Yes	Yes	Yes	Yes
Zone Title	Yes	Yes	Yes	Yes	Yes
Home Position	Yes	Yes	Yes	Yes	Yes
P/T/Z Auto-Restoring	x	Yes	Yes	Yes	x
Auto-Turn Around	Yes	Yes	Yes	Yes	Yes
Digital Flip	x	x	Yes	Yes	x
DSS	x	x	Yes	Yes	x
WDR	x	x	Yes	X	X
IR	x	x	Yes	Yes	Yes
Motion Detection	x	x	x	Yes	x

CAMERA FEATURES

		EL-SD710-A	EL-SD720	EL-SD730	EL-SD750	EL-SD750-A
Total pixels	NTSC	410k pixel		N/A		N/A
	PAL	470K pixel		450K pixel		
Effective Pixels	NTSC	380K pixel		N/A		680K pixel
	PAL	440K pixel		420K pixel		800K pixel
Sensor Type		1/4" Exview CCD	1/4" CCD		1/6" Super HAD CCD	
Scanning System	PAL / NTSC					
Synchronization	Internal / Line lock					
Video Output	1.0Vpp / 75 Ω, BNC					
Horizontal Resolution	NTSC: 470TVL PAL: 460TVL					
S/N Ratio	More than 50dB				49dB	
Minimum Illumination	0.7 lux	2 lux	0.1 lux	3.0 lux		
Focal Length	4.1 ~ 73.8 mm	4~88mm	3.6~82.8mm	2.4~60mm		
Zoom Ratio (Optical)	18X	22X	23X	25X		
Digital Zoom	X1~X12		X1~X10	X1~X12		
Focus Mode	Auto / Manual					
White Balance	Auto / Manual					
Iris Control	Auto / Manual					
Electronic shutter	NTSC	1/1 to 1/10k s	1/4~1/30k s	1/2~1/30k s.	1/1 to 1/10k s	
	PAL	22 step	1/3~1/30k s	1/1.5~1/30k s	22 step	
AGC Control	Auto / Manual					
BLC	On / Off					

PRODUCT SELECTION



developed and Manufactured by:

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Represented by:

Worldwide Distribution and Service Network

CONTROLLING DEVICE

EL-CK712 Basic Control Keyboard



EL-CK713 CCTV Control Keyboard



Features

- Dome/Multiplexer Can be Controlled by One Keyboard
- Friendly User Interface by LCD Display
- RS-485 Control Interface
- F/W Can be Upgraded through RS-232 Port
- Max. 255 CCTV Devices Can be Controlled (only on EL-713)
- Built-in Real Time Clock Generator (only on EL-713)
- Support System Clock Calibration (only on EL-713)

EL-D8916 16Ch Embedded Real-time DVR



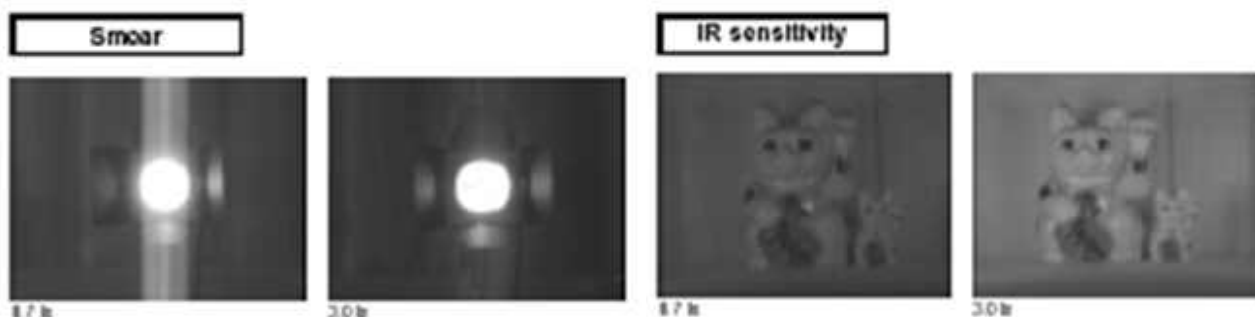
Features

- MPEG II alike Codec + Proprietary real time O.S.
- Real-time live image
- Real-time Recording (480 frame/second)
- Quadruplex operation (live/Recording/Playback/Ethernet)
- Programmable motion detection area and sensitivity for each camera respectively
- Powerful alarm Processor allows flexible alarm trigger and response configuration
- High Performance System Support Disk Array
- Dynamic recording priority adjustment and display refreshing based on motion detection
- User friendly video search
- Application software available

TECHNICAL INFORMATION

EXview HAD CCD

Elitar entry level speed dome EL-710-A adopt Sony's new EXview HAD CCD, which provides for improvements for the basic camera features, such as sensitivity of 0.7 lux and low smear levels.



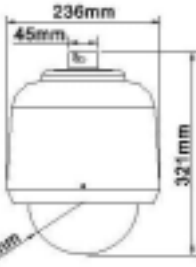
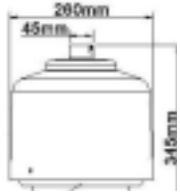
AUTO IR CUT FILTER REMOVAL MODE

Elitar day & night speed dome (EL-730, EL-750, EL-750-A) adopt auto ICR (IR cut filter removal) function. The auto ICR function automatically switches the settings to attach or remove the IR cut filter for increase sensitivity. With a set level of darkness, the IR cut filter is automatically disabled (ICR ON), and the infrared sensitivity is increased. With a set level of brightness, the filter is automatically enabled (ICR OFF). The ICR will automatically engage depending on the ambient light, allowing the cameras to be effective in day & night environment

HOUSING SPECIFICATIONS

HOUSING for OUTDOOR

- Easy Installation
- Built in Fan
- Optical Clear Dome Cover
- Different Pendant Available
- Environmentally Sealed and Weatherized for use in Temperatures to 50°C
- Power Input Available Type:
 - “AC 24V in” to AC24V Dome
 - “AC 110V in” to DC12V Dome
 - “AC 220V in” to DC12V Dome
- Heater is Selectable
- Sun Shield

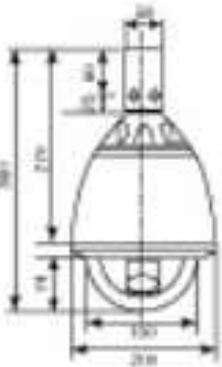


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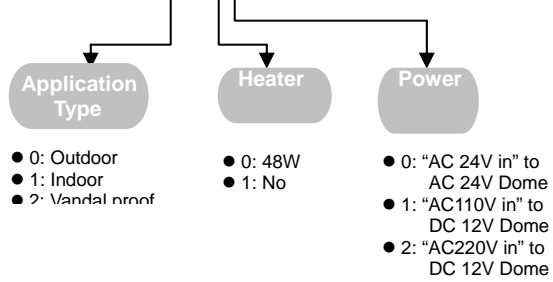
VANDAL PROOF OUTDOOR HOUSING FOR A SERIES

- Easy Installation
- Adopt “total die-cast aluminum structure” material , for the hostile environment.
- Built in 2x fan, 2x heater
- Optical Clear Dome Cover
- Different Pendant Available
- IP 66 standards for dust and moisture resistance
- Environmentally Sealed and Weatherized for use in Temperatures from -70°C ~ 50°C
- Power Input Available Type: AC 24V, AC90V ~ 230V
- Sun Shield



HOUSING SELECTION

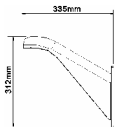
EL-SD700-00



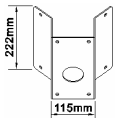
PENDENT SPECIFICATIONS



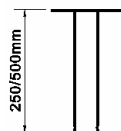
- GOOSENECK TUBE**
- MATERIAL: IRON TUBE
 - WEIGHT: 2.1 Kg



- GOOSENECK PENDANT**
- MATERIAL: ALUMINUM
 - WEIGHT: 1.8 Kg

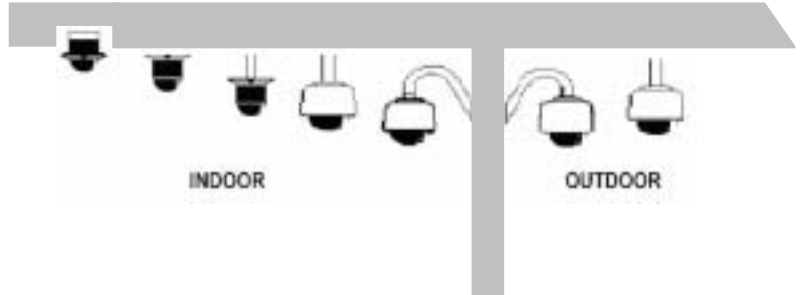


- CORNER PLATE**
- MATERIAL: SPCC Painted Black
 - WEIGHT: 1.9 Kg



- STRAIGHT TUBE 25 cm/50 cm**
- MATERIAL: IRON TUBE
 - WEIGHT: 1.2 Kg

● PLACEMENT EXAMPLE



PENDANT SELECTION EL-SD703 - B V

