

DS-2DF1-617



Key Features

- I Sony EXview CCD
- I $\pm 0.1^\circ$ Preset Accuracy
- I 400°/s Pan Preset Speed and 150°/s Tilt Preset Speed
- I 0.3-300°/s Manual Pan Speed and 0.5-60°/s Manual Tilt Speed
- I Scheduled Action: Programmable Preset / Patrol/ Auto scan / Pattern / Random Scan / Frame Scan
- I Park Action: Start to Call Preset / Patrol/ Pattern / Auto scan/ Random Scan / Frame Scan, after a Defined Time of Inactivity
- I Parameter Restore: PTZ & Lens Status after Reboot
- I Patterns: Up to 4, On-Screen, User-defined Programmable Patterns; Including Pan, Tilt, Zoom and Preset Functions
- I Proportional Pan / Tilt: Continually Decreases Pan / Tilt Speeds, in Proportion to Depth of Zoom
- I Freeze Frame between Presets
- I Programmable Zoom Speeds
- I Variable Scan Speed: Scan Speed Can Be Programmable between 1-40°/sec
- I Privacy Zone Mask: Up to 24 Zones, 8 Zones Masked Simultaneously in One Image
- I Programmable Limit Stops for Auto/Random Scan/Frame Scan Modes
- I Built-in Menu System for Setup of Programmable Functions
- I On-Screen Compass, Pan ,Tilt and Zoom Display
- I Alarm I/O: 2 inputs and 2 outputs (7 inputs and 2 outputs need customize)
- I Alarm Actions: 200 Presets, 8 Patrols, 4 Patterns, Auto scan, Alarm output,

SD Memory Recording and Notification on PC Client, Alarms can be Individually Programmed for 3 Priority Levels

- I Resume after Alarm: Allow the Dome Return to Previously State after Alarm Acknowledgement
- I Support Mouse Drag and Zoom
- I Built-in Surge Protection and Limited Lightning Protection
- I Water and Dust Resistance: IP66, for Outdoor Dome
- I Working Temperature -30°C ~ 60°C (Outdoor Models) or -10°C ~50°C (Indoor Models)

Specification

Model		DS-2DF1-617
Camera	Image Sensor	1/4 Inch SONY EXVIEW CCD
	Effective Pixels	PAL: 752(H)×582(V)
		NTSC: 768(H)×494(V)
	Horizontal Resolution	480 TVL
	Signal System	NTSC/PAL
	Min. Illumination	1.4 Lux/F1.4(Color)
		0.01 Lux/F1.4(B/W)
	White Balance	ATW/ Manual
	AGC	Auto, Manual
	S/N Ratio	Better than 50 dB
	BLC	ON / OFF
	Electronic Shutter	N: 1/4 ~ 1/10,000s(20 steps)
		P: 1/3 ~ 1/10,000s(20 steps)
	Day&Night	ICR
Digital Zoom	Up to 12x	
Privacy Zone	Up to 24 zones, while maximum 8 zones masked simultaneously in one image	
Auto Focus	AUTO/Manual	
Lens	Focal Length	3.4-122.4 mm, 36x zoom
	Zoom Speed	Approx. 4.0 sec (Optical WIDE-TELE)
	Angular of View	57.8 degree(WIDE end) to 1.7 degree(TELE end)
	Min. Working Distance	320 mm(WIDE end), 1500 mm(TELE end)
	Aperture Range	F1.6-F4.5
Pan and Tilt	Pan Range	360° endless
	Pan Speed	Manual: approx. 0.3°/s-160°/220°/300°/s

		Preset: up to approx. 400°/s
	Tilt Range	0°~90° (Automatic flip)
	Tilt Speed	Manual: approx. 0.5°~40°/60°/90°/s
		Preset: up to approx. 150°/s
	Proportional Pan/Tilt Control	YES
	Number of Presets	200
	Auto Mode	OFF / Preset/ Patrol / Pattern / Auto scan / Random Scan / Frame Scan
	Patrol	1 / 2 / 3 / 4 / 5 / 6 / 7 / 8
	Pattern	1 / 2 / 3 / 4
	Scheduled Action	Scheduled Action: programmable Preset / Patrol/ Auto scan / Pattern / Random Scan / Frame Scan.
	Freeze Frame	Freeze Frame during Preset (Except DS-2DF1-611/601X).
	Automatic Flip	YES
	Status Memory	Go to the speed dome last status after reboot
	Park Action	Start to Call Preset / Patrol/ Pattern / Auto scan/ Random Scan / Frame Scan, after a Defined Time of Inactivity
	PTZ Position Display	ON / OFF
Network	Ethernet	10 Base-T / 100 Base-TX, RJ45 connector (Fiber Connector Option)
	Image Resolution	704×576
	Image Compression	H.264
	Audio Compression	OggVorbis /16kbps
	Audio Mode	OFF / Audio input / Audio output
	Protocols	TCP/IP, HTTP, DHCP, DNS, RTP/RTCP, PPPoE (FTP, SMTP, NTP, SNMP addible)
	No. of Simultaneous Users	Up to 8 users
	Dual Streams	Support dual streams simultaneously
	Mini SD Memory Card	Manual REC / Alarm REC. Compatible SD card: Kingston and SanDisk high Speed mini card: 512M, 1G, 2G. Does not support SDHC standard card at present.
	User/Host Level	3 Levels: Administrator, Camera control, Live only
Security Measures	User authentication(ID and PW), Host authentication(MAC address)	
Client GUI	Camera Control	Pan/Tilt, Zoom, Focus, Click centering, Drag zoom, Iris, Preset position call and program, Auto mode.
	Camera Title	Up to 18 characters
	Clock Display	Time: Week: Date, 6 formats on the Client
Alarm	Alarm Input	2 channels inputs, priority is configurable
	Alarm Output	2 channels outputs, alarm linkage is configurable

	Alarm Actions	Preset 1 ~ 200, Patrol 1 ~ 8, Pattern 1 ~ 4, SD card recording, Terminal output, Notification on Client.
Input/Output	Monitor Output	1.0V[p-p] / 75Ω, NTSC(or PAL) composite, BNC
	Microphone Input	Mic. In(Applicable microphone; Plug-in power type) 2-2.4V[p-p],Input impedance: 1KΩ ± 10%
	Audio Output	Audio out ,Line level
General	Menu Language	English, Chinese
	RS-485 Protocols	HIKVISION, PELCO-P, PELCO-D (addible), self-adaptive
	Power Supply	24 VAC(12 VDC option)
	Power Consumption	30W max(Heater ON)
	Working Temperature/Humidity	-.30℃ ~ 60℃(outdoor)/ -10℃ ~ 50℃(indoor) 90% or less(without condensation)
	Water and Dust Resistance	IP66 standard compatible(Just for Outdoor dome)
		TVS 3000V limited lightning protection
	Dimensions	6 inch, Φ243(mm)×287(mm)
Weight(approx.)	5 kg	

Appearance

