



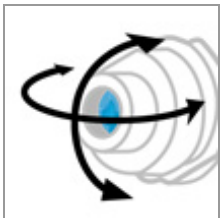
## SF2012H-D



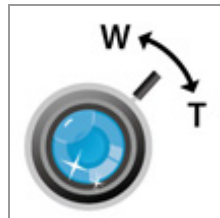
The SF2012H-D is a 2-megapixel dome camera with 3-axis adjustment and a vari-focal lens that allow you to line up the camera precisely and capture a wide sweep or close into a narrower point. It has both the adjustability to capture the target area and the technology to keep that area under clear day-and-night surveillance. The SF2012H-D provides smooth 30fps, HD720p video, and an mechanical IR-cut filter plus built-in IR illuminators to give superb performance during the day and at night.



### features



**3-axis  
bracket  
adjustment**



**vari-focal  
lens**



**HD720p  
resolution**



**30fps frame  
rate**



**day / night  
function**

### key features

- 2-megapixel 1/3.2" CMOS sensor with vari-focal lens ( $f=2.7\sim 9\text{mm}$ )
- supports up to 1600 x 1200 at 15fps, 1280 x 720 at 30fps
- H.264 / MJPEG / MPEG-4 compression (tri-codec)
- supports plug and play feature with AVer DVRs/NVRs
- built-in mechanical ICR (IR-cut filter removable) and IR LEDs (15m) for excellent day and night visibility
- intelligent motion detection to minimize false alarms
- built-in PoE function (IEEE 802.3af compliant)
- 2-way audio communication
- local storage backup when an event is triggered or the network is down
- event trigger actions: mail, FTP, save to SDHC card, relay, Samba
- NXU Lite video management software (free up to 32CH)

## specs

<b>model</b>	SF2012H-D
<b>application environment</b>	
<b>indoor/outdoor</b>	indoor
<b>weatherproof</b>	-
<b>vandal-proof</b>	-
<b>day / night control</b>	auto
<b>camera images</b>	
<b>sensor</b>	1/3.2" CMOS (2 megapixels)
<b>min. illumination</b>	color:1.0 lux @ F1.2 black & white: 0.05 lux @ F1.2 0 lux @ F1.2 (IR LED on)
<b>built-in IR LEDs</b>	yes
<b>IR distance</b>	15m
<b>mechanical ICR</b>	yes
<b>auto iris</b>	yes
<b>lens</b>	
<b>lens type</b>	vari-focal lens
<b>F/no</b>	F1.2
<b>focal length</b>	f=2.7~9mm
<b>angle of view</b>	101° (W) ~ 30.4° (T) (horizontal) 75° (W) ~ 23° (T) (vertical)
<b>bracket adjustment</b>	pan: 172°, tilt: 30° ~ 90°, rotation: 180°
<b>video</b>	
<b>compression</b>	H.264 / MPEG-4 / MJPEG simultaneously
<b>max. resolution (H.264 / MJPEG)</b>	1600 x 1200
<b>max. frame rate</b>	H.264 / MJPEG up to 15fps (1600 x 1200) H.264 / MJPEG up to 30fps (1280 x 1024) MPEG-4 up to 5fps (176 x 144)
<b>streaming</b>	H.264 / MPEG-4 (3GPP only) / MJPEG
<b>WDR (Wide Dynamic Range)</b>	-
<b>BLC (Backlight Compensation)</b>	yes
<b>DNR (Digital Noise Reduction)</b>	2D
<b>IMD (Intelligent Motion Detection)</b>	

<b>zone</b>	3
<b>privacy mask</b>	3
<b>image orientation</b>	mirror, flip
<b>audio</b>	
<b>audio encoder</b>	G.711 audio compression
<b>audio streaming</b>	2-way audio
<b>microphone</b>	external microphone input
<b>network</b>	
<b>protocols</b>	HTTP, TCP/IP (IPv4), UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP (video only), Samba
<b>Ethernet</b>	Ethernet (10/100 Base-T), RJ45 connector
<b>security</b>	password protection
<b>users</b>	up to 10 users simultaneously
<b>alarm</b>	
<b>trigger event</b>	mail, FTP, save to SDHC card, relay, Samba
<b>interface</b>	
<b>digital input / output</b>	1 / 1
<b>built-in storage option</b>	SDHC card (32GB max.)
<b>general</b>	
<b>power supply</b>	DC 12V / PoE
<b>DC</b>	power consumption 6.2W (IR LED on) 4.7W (IR LED off)
<b>PoE</b>	PoE Class 0 (IEEE802.3af) power consumption: 8.8W (IR LED on) / 6.7W (IR LED off)
<b>dimensions</b>	132 Ø x 108 H (mm)
<b>net weight</b>	680g
<b>temperature and humidity</b>	-10°C ~ 40°C, 20% ~ 80%
<b>other value-added features</b>	ePTZ
<b>software</b>	
<b>VMS</b>	NXU Lite (free bundle up to 32CH)
<b>supported languages</b>	English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Slovak, Spanish, Swedish, Thai, Traditional Chinese, Turkish

\*specifications are subject to change without prior notice