



Security Products Guide

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Shenzhen China

HD SDI CCTV Camera



HD WDR CCTV Box Camera (CS)
SF-ES216FW-D

Features

- 1/3" Sony CMOS
- HD 1280 x 720 max.
- Full real-time 50/60fps
- Real WDR
- High sensitivity for lowlight
- 8 privacy zones
- HD-1.485G-SDI digital interface
- Standard SMPTE292M compatible
- High image quality no compression
- Coaxial cable transmission zero delay
- Features setting via OSD
- DC12V power supply

Rear View



HD CCTV Box Camera (CS)
SF-ES216F-D

Features

- 1/3" Sony CMOS
- HD 1280 x 720 max.
- Full real-time 50/60fps
- High sensitivity for lowlight
- 8 Privacy zones
- HD-1.485G-SDI digital interface
- Standard SMPTE292M compatible
- High image quality no compression
- Coaxial cable transmission zero delay
- Features setting via OSD
- DC12V power supply

Rear View



Full HD CCTV IR Dome Camera (VF)
SF-ES629QIR-D

Features

- 1/3" Panasonic CMOS
- Full HD 1920x1080
- Full HD VF lens 2.8-12/4-9mm
- Real-time 25/30fps
- 30x5mm IR LED 20m illumination
- High sensitivity for lowlight
- HD-1.485-SDI digital interface
- Standard SMPTE292M compatible
- High image quality no compression
- OSD features (ACCE, Motion detect, DNR etc.)
- Coaxial cable transmission zero delay
- DC12V power supply
- Vandal resistant housing
- IP65

Related Optional Model

- SF-ES619QIR-D
- 1/3" Sony CMOS
 - 1280x720P 50/60fps
 - OSD features (AGC, Sens-up, WDR, D-Zoom, etc.)



Full HD CCTV Bullet Camera (VF)
SF-ES326P-D

Features

- 1/3" Panasonic CMOS
- Full HD 1920x1080
- Full HD VF lens 2.8-12/4-9mm
- Real-time 25/30fps
- 48x5mm IR LED 30m illumination
- High sensitivity for lowlight
- HD-1.485-SDI digital interface
- Standard SMPTE292M compatible
- High image quality no compression
- OSD features (ACCE, Motion detect, DNR etc.)
- Coaxial cable transmission zero delay
- DC12V power supply
- Waterproof Bullet Camera
- IP65

Related Optional Model

- SF-ES316P-D
- 1/3" SONY CMOS
 - 1280x720P 50/60fps
 - OSD features (AGC, Sens-up, WDR, D-Zoom, etc.)



HD SDI CCTV Camera



Full HD CCTV Bullet Camera (FX)
SF-ES326QZ-D

Features

- 1/3" Panasonic CMOS
- 2MP Full HD 1920x1080
- Full HD fixed CS lens 6/8/12mm
- Real-time 25/30fps
- 2x array IR LED 30m illumination
- High sensitivity for lowlight
- HD-1.485-SDI digital interface
- Standard SMPTE292M compatible
- High image quality no compression
- OSD features (ACCE, Motion detect, DNR etc.)
- Coaxial cable transmission zero delay
- DC12V power supply
- Waterproof Bullet Camera
- IP66

Related Optional Model

- SF-ES316QZ-D
- 1/3" Sony CMOS
 - 1280x720P 50/60fps
 - OSD features (AGC, Sens-up, WDR, D-Zoom, etc.)



Full HD CCTV Bullet Camera (FX)
SF-ES327QZ-D

Features

- 1/3" Panasonic CMOS
- 2MP Full HD 1920x1080
- Full HD fixed CS Lens 8/12/16mm
- Real-time 25/30fps
- 3x array IR LED 40m illumination
- High sensitivity for lowlight
- HD-1.485-SDI digital interface
- Standard SMPTE292M compatible
- High image quality no compression
- OSD features (ACCE, Motion detect, DNR etc.)
- Coaxial cable transmission zero delay
- DC12V power supply
- Waterproof Bullet Camera
- IP66

Related Optional Model

- SF-ES317QZ-D
- 1/3" Sony CMOS
 - 1280x720P 50/60fps
 - OSD features (AGC, Sens-up, WDR, D-Zoom, etc.)



HD-SDI DVR

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4CH HD SDI DVR
SF-SVR3404H-H4

Features

- 4CH HD SDI video input
- 1080P Full HD @30FPS recording
- 4CH RCA audio input
- H.264 video compression
- Motion detection settable each channel
- 4CH alarm in, 1CH alarm out
- Multiple record & backup modes
- Support 4x2TB HDD, 1x ESATA interface
- 1CH HDMI & 1CH VGA & 1CH BNC video output
- 2x RJ45 & 2x USB 2.0 interface



10CH Hybrid SDI DVR
SF-SVR3410H-H2L8

Features

- 2CH HD SDI video input
- 1080P Full HD @30FPS recording
- 8CH D1 input (analog)
- 6CH RCA audio input (2 for SDI, 4 for D1)
- H.264 video compression
- Motion detection settable each channel
- 4CH alarm in, 1CH alarm out
- Multiple record & backup modes
- Support 4x2TB HDD, 1x ESATA interface
- 1CH HDMI, 1CH VGA & 1CH CVBS video output
- 2x RJ45 & 2x USB 2.0 interface

Note: Models and specifications are subject to changes without prior notice.
Please make contacts for latest product information.



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COMPANY PROFILE

Shenzhen Safer Science and Technology Co., Ltd is a high-technology enterprise specializing in researching, manufacturing and distributing video surveillance products. Its major products include CCD camera, DVR, communication parts, totaling 11 series, 2,000 different models.

Established in 2002, Safer at present hires more than 600 employees and occupies a floorage of 10,000 square meters. With 6 manufacturing lines and 4 advanced automatic assembling lines, Safer outputs 250,000 units monthly.

Having an experienced R&D team with comprehensive sets of advanced equipments and numerous outstanding technicians enables Safer to constantly research the utmost possibility of video surveillance enhancing technology. Using only key components from Japan, Korea and the States and building an independent QC department to apply a QC rule consisting of minimum 5 steps, quality of Safer product and service is well guaranteed.

With the efforts of an excellent sales team, Safer has now developed solid distributors in more than 20 countries and established reliable partnership with clients in 40 countries.

Having your satisfaction is forever our aspiration. Work with Safer and build a safer life.



HD IP Camera



ONVIF

HD Network Box Camera (CS)
SF-EN216F-A2

Features

- 1/3" progressive scan CMOS
- Output 1280x720 (16:9)@30FPS
- Dual stream for storage & network preview
- H.264 video compression
- Ultra lowlight high sensitivity
- Support 2-way audio talk-back
- Support various network protocol
- Standard ONVIF compatible
- Support Alarm I/O
- Support RS485 control(Optional)
- DC12V power supply
- Support P.O.E
- 10/100Mbps Ethernet port
- 1CH BNC video service port
- Support HD C/CS lens



ONVIF

Full HD Network Box Camera (CS)
SF-EN226F-A3

Features

- 1/3" progressive scan CMOS
- Output 2048x1536(4:3)@15FPS
- Output 1920x1080(16:9)@30FPS
- Dual stream for storage & network preview
- H.264 video compression
- Ultra lowlight high sensitivity
- Support 2-way audio talk-back
- Support various network protocol
- Standard ONVIF compatible
- Support Alarm I/O
- Support RS485 control(Optional)
- DC12V power supply
- Support P.O.E
- 10/100Mbps Ethernet port
- 1CH BNC video service port
- Support HD C/CS lens

Full HD
1080



ONVIF

HD Network Bullet Camera (VF)
SF-EN316P-A2

Features

- 1/3" progressive scan CMOS
- Output 1280x720 (16:9)@30FPS
- Mechanical ICR Synchronous True D/N
- HD VF Lens 2.8-12/4-9mm
- 48x5mm IR LED 30m illumination
- Dual stream for storage & network preview
- H.264 video compression
- Ultra lowlight high sensitivity
- Support various network protocol
- Standard ONVIF compatible
- DC12V power supply
- Support P.O.E
- Support audio I/O & alarm I/O(Optional)
- 10/100Mbps Ethernet port
- Service BNC video port
- IP65

Cable view



ONVIF

Full HD Network Bullet Camera (FX)
SF-EN327QZ-A3

Features

- 1/3" progressive scan CMOS
- Output 2048x1536(4:3)@15FPS
- Output 1920x1080(16:9)@30FPS
- Mechanical ICR Synchronous True D/N
- Full HD fixed CS Lens 8/12/16mm
- 3xarray IR LED 40m illumination
- Dual stream for storage & network preview
- H.264 video compression
- Ultra lowlight high sensitivity
- Support various network protocol
- Standard ONVIF compatible
- DC12V power supply
- Support P.O.E
- Support audio I/O & alarm I/O(Optional)
- 10/100Mbps Ethernet port
- Service BNC video port
- IP66

Related Optional Model

- SF-EN317QZ-A2
- 1/3" progressive scan CMOS
- 1280x720P 30FPS



ONVIF

Full HD Network Bullet Camera (FX)
SF-EN321W-A3

Features

- 1/3" progressive scan CMOS
- Output 2048x1536(4:3)@15FPS
- Output 1920x1080(16:9)@30FPS
- Mechanical ICR Synchronous True D/N
- Full HD Fixed lens 4.2/6mm Lens
- 30x5mm IR LED 20m illumination
- Dual stream for storage & network preview
- H.264 video compression
- Ultra lowlight high sensitivity
- Support various network protocol
- Standard ONVIF compatible
- DC12V power supply
- Support P.O.E
- Support audio I/O & alarm I/O(Optional)
- 10/100Mbps Ethernet port
- Service BNC video port
- IP66

Related Optional Model

- SF-EN311W-A2
- 1/3" progressive CMOS
- 1280x720P 30FPS



ONVIF

Full HD Network Bullet Camera (FX)
SF-EN321K-A3

Features

- 1/3" progressive scan CMOS
- Output 2048x1536(4:3)@15FPS
- Output 1920x1080(16:9)@30FPS
- Mechanical ICR Synchronous True D/N
- Full HD Fixed lens 4.2/6mm Lens
- 30x5mm IR LED 20m illumination
- Dual stream for storage & network preview
- H.264 video compression
- Ultra lowlight high sensitivity
- Support various network protocol
- Standard ONVIF compatible
- DC12V power supply
- Support P.O.E
- Support audio I/O & alarm I/O(Optional)
- 10/100Mbps Ethernet port
- Service BNC video port
- IP66

Related Optional Model

- SF-EN311K-A2
- 1/3" progressive CMOS
- 1280x720P 30FPS



Full HD Network Speed Dome (18X)
SF-900G-N1218

Features

- 18x optional zoom
- 1/2.8" Sony progressive scan CMOS
- Full HD 1920x1080 max.
- Real-time 25 frames/sec
- H.264/MJPEG video compression
- True D/N (ICR)
- ATW, BLC, WDR, AES, AIS
- Max. speed pan 200°/s, tilt 120°/s
- Support various network protocol
- Various auto modes, preset, tour, swing, auto scan
- Support IE & client software control
- DC12V power supply
- 10/100Mbps Ethernet port
- IP66



Network Management Software
Safer IPC Platform Software

Features

- Centralized record & storage management
- Live video monitoring
- Centralized camera config management
- Electronic map
- PTZ control function

Introduction

Safer IPC Platform Software is a self-contained network management software. It can be run independently to manage all IPC/DVS connected, view monitoring images, control PTZ etc. It is a perfect choice for middle size network video monitoring management platform.

HD IP Camera

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ONVIF

Full HD Network Vandal Dome (FX)
SF-EN62MZ-A3

Features

- 1/3" progressive scan CMOS
- Output 2048x1536(4:3)@15FPS
- Output 1920x1080(16:9)@30FPS
- Mechanical ICR Synchronous True D/N
- Full HD Fixed CS Lens 4.8/12mm
- 2x array IR LED 25m illumination
- Dual stream for storage & network preview
- H.264 video compression
- Ultra lowlight high sensitivity
- Support various network protocol
- Standard ONVIF compatible
- DC12V power supply
- Support P.O.E
- Support audio I/O & alarm I/O(Optional)
- 10/100Mbps Ethernet port
- Service BNC video port
- Vandal resistant housing
- IP66

Related Optional Model

- SF-EN61MZ-A2
- 1/3" progressive scan CMOS
- 1280x720P 30FPS



ONVIF

HD Network Indoor Dome (FX)
SF-EN611S-A2

Features

- 1/3" progressive scan CMOS
- Output 1280x720(16:9)30fps
- Mechanical ICR Synchronous True D/N
- HD Fixed Lens 4.2/6mm
- Dual stream for storage & network preview
- H.264 video compression
- Ultra lowlight high sensitivity
- Support various network protocol
- Standard ONVIF compatible
- DC12V power supply
- 10/100Mbps Ethernet port
- Service BNC video port
- Plastic indoor housing

Support Mobile Viewer



ONVIF

Full HD Network Vandal Dome (VF)
SF-EN62B-A3

Features

- 1/3" progressive scan CMOS
- Output 2048x1536(4:3)@15FPS
- Output 1920x1080(16:9)@30FPS
- Mechanical ICR Synchronous True D/N
- Full HD VF Lens 4-9/2.8-12mm
- 36x5mm IR LED 25m illumination
- Dual stream for storage & network preview
- H.264 video compression
- Ultra lowlight high sensitivity
- Support various network protocol
- Standard ONVIF compatible
- DC12V power supply
- Support audio I/O & alarm I/O(Optional)
- 10/100Mbps Ethernet port
- Service BNC video port
- IP65

Related Optional Model

- SF-EN61B-A1
- 1/3.2" progressive scan CMOS
- 1280x720P 20FPS



ONVIF

Full HD Network Vandal Dome (VF)
SF-EN629QIR-A3

Features

- 1/3" progressive scan CMOS
- Output 2048x1536(4:3)@15FPS
- Output 1920x1080(16:9)@30FPS
- Mechanical ICR Synchronous True D/N
- Full HD VF Lens 4-9/2.8-12mm
- 30x5mm IR LED 20m illumination
- Dual stream for storage & network preview
- H.264 video compression
- Ultra lowlight high sensitivity
- Support various network protocol
- Standard ONVIF compatible
- DC12V power supply
- Support P.O.E
- Support audio I/O & alarm I/O(Optional)
- 10/100Mbps Ethernet port
- Service BNC video port
- Vandal resistant housing
- IP65

Related Optional Model

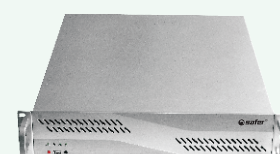
- SF-EN619QIR-A2
- 1/3" progressive scan CMOS
- 1280x720P 30FPS



24CH PC Based NVR(X86)
SF-NVR6424H

Features

- MJPEG, MPEG4, H.263, H.264(BL/MP/HP) video compression
- G.711, G.726, G.723, G.722, PCM, ADPCM audio compression
- Max. record resolution 1080P/720P
- 24CH 720P30 record
- Intel 64bit multi-core processor
- 2GB RAM with enterprise level motherboard
- Support TCP/IP, UDP, RTP, RTCP, RTSP, HTTP, DHCP, NTP
- 1CH VGA & 1CH DVI video output
- 1CH audio line-in & line-out, 1CH Mic.input
- Support 4 Enterprise Level HDD
- 2x Gigabit Ethernet port
- 5x USB2.0 ports, support RS485 for PTZ



32CH PC Based NVR(X86)
SF-NVR6832H

Features

- MJPEG, MPEG4, H.263, H.264(BL/MP/HP) video compression
- G.711, G.726, G.723, G.722, PCM, ADPCM audio compression
- Max. record resolution 1080P/720P
- 32CH 720P30 record
- Intel 64bit multi-core processor
- 2GB RAM with enterprise level motherboard
- Support TCP/IP, UDP, RTP, RTCP, RTSP, HTTP, DHCP, NTP
- 1CH VGA & 1CH DVI video output
- 1CH audio line-in & line-out, 1CH Mic.input
- Support 8 Enterprise Level HDD
- 2x Gigabit Ethernet port
- 5x USB2.0 ports, support RS485 for PTZ



4CH Standalone NVR(ARM)
SF-NVR3104M-1.0

Features

- H.264 video compression
- Max. record resolution 1080P
- 4CH 720P30 record with 1CH 720P 30 playback
- CMS for Windows & IMAC
- Mobile viewer iPhone, Android, Symbian & Blackberry
- Support DHCP, DDNS, UPNP, SMTP, FAB
- 1CH VGA video output 1280x1024 max.
- 1CH audio input & output
- 4CH alarm input & 1CH output
- Support 2HDD 2TB
- Optional DVD-RW
- User friendly GUI



16CH Standalone NVR(ARM)
SF-NVR3716H-1.0

Features

- H.264 video compression
- Max. record resolution 1080P
- 240FPS 1080P record with 1CH 1080P playback
- CMS for Windows & IMAC
- Mobile viewer iPhone, Android, Symbian & Blackberry
- Support DHCP, DDNS, UPNP, SMTP, FAB
- 1CH HDMI video output 1080P max.
- 1CH audio input & output
- 4CH alarm input & 1CH output
- Support 7HDD 2TB
- Optional DVD-RW
- Professional case instant knob design
- User friendly GUI

Speed Dome Camera



Outdoor High Speed Dome (ZM)
SF-900AS-C290B

Features

- 1/3" Sony EXviewHADII CCD, 700TVL
- Intensified double layer alum. Alloy housing
- True D/N mechanical ICR optional
- 23x optical zoom
- D-WDR(ATR/BLC)
- Max. speed pan 300°/s, tilt 180°/s
- Travel angle pan 360° endless, tilt 90°
- 220 presets, 4 swings, 4 cruises
- OSD with English & Chinese
- Pelco D/P protocols RS485 control
- AC24V power supply
- IP66

Related Zoom Module

- SF-C290B
- 700TVL with 23x optical zoom
 - Sony Exview CCD Ultra high sensitivity
 - Mechanical ICR optional



Mini High Speed Dome(ZM)
SF-600A/SF-C169B

Features

- 1/3" Sony EXviewHADII CCD, 700TVL
- 4.5" double layer metal housing
- True D/N mechanical ICR optional
- 10x optical zoom
- Max. speed pan 180°/s, tilt 120°/s
- Travel angle pan 360° endless, tilt 90°
- 220 presets, 3 cruises(16 presets per cruise)
- 4CH alarm input 2CH alarm output
- OSD with multi language
- 6 x Array IR LED 50m illumination
- 15 levels IR intensity output
- DC12V power supply
- IP66

Related Zoom Module

- SF-C169B
- 700TVL with 10x optical mini zoom
 - Sony Exview CCD Ultra high sensitivity
 - Mechanical ICR optional



Outdoor IR Speed Dome(ZM)
SF-900D/SF-C299

Features

- 1/4" Sony 960H CCD, 650TVL
- True D/N mechanical ICR optional
- 9x array IR LED 2 stages illumination 100m max.
- Built-in advanced heat-dissipation system
- 27x optical zoom
- Max. speed pan 300°/s, tilt 120°/s
- Travel angle pan 360° endless, tilt 90°
- 256 presets, 1 swing, 1 cruises, 4 patterns
- OSD with multi languages
- 8x array IR LED 100m illumination
- 3 grades IR intensity output
- Pelco D/P protocols RS485 control
- DC24V power supply

Related Zoom Module

- SF-C299
- 650TVL Sony Exview HADII 960H CCD
 - 27x optical zoom
 - Mechanical ICR optional



Outdoor IR Speed Dome(ZM)
SF-900GM/SF-C278E

Features

- 1/4" Sony SuperHADII CCD, 480TVL
- True D/N mechanical ICR optional
- 27x optical zoom
- Max. speed pan 30°/s, tilt 30°/s
- Travel angle pan 360° endless, tilt 90°
- 255 presets, 4 cruises, 4 patterns
- OSD with multi languages
- 8x array IR LED 100m illumination
- 3 grades IR intensity output
- Pelco D/P protocols RS485 control
- DC12V power supply
- IP66

Related Zoom Module

- SF-C278E
- 480TVL Sony Super HADII CCD
 - 27x optical zoom
 - Mechanical ICR optional



Standard Box Camera



700TVL Box Camera (CS)
SF-2086F

Features

- 1/3" Sony EXview HADII CCD, 700TVL
- True D/N mechanical ICR optional
- Ultra lowlight high sensitivity
- D-WDR(ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Hot pixel compensation
- Support C/CS mount lens
- AGC Auto adusting brightness
- Back focus ring design
- DC12V power supply

Rear View



700TVL Box Camera (CS)
SF-208G

Features

- 1/3" Sony EXview HADII CCD, 700TVL
- Ultra lowlight high sensitivity
- D-WDR(ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Hot pixel compensation
- Support C/CS mount lens
- AGC Auto adusting brightness
- Back focus ring design
- DC12V power supply

Rear View



700TVL WDR Box Camera (CS)
SF-2081CP

Features

- 1/3" Sony SuperHADII dual scan CCD, 700TVL
- High sensitivity for lowlight
- Super optional wide dynamic range
- Real WDR(ATR-EX/BLC)
- 2D/3D-DNR, OSD, HLC
- DIS, E-zoom, Sens-up
- Motion detection, privacy mask
- Support C/CS auto iris lens
- AGC Auto adusting brightness
- DC12V power supply

Rear View



420TVL Box Camera (CS)
SF-2036E

Features

- 1/3" Sony SuperHADII CCD, 420TVL
- High sensitivity for lowlight
- Super C/CS mount lens
- Electronic Auto Day/Night
- Auto BLC, AWB
- AGC Auto adjusting brightness
- 1CH audio optional
- DC12V power supply

Other Optional Model

- SF-2039B
- 420TVL
 - Support C/CS auto iris lens
 - DC12V power supply



CCTV Zoom Camera

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700TVL Zoom Camera (23x)
SF-289B

Features

- 1/3" Sony EXview HADII CCD, 700TVL
- Ultra lowlight high sensitivity
- True D/N mechanical ICR optional
- 23x optical zoom
- Auto focus optical zoom lens
- Zoom-in/out speed adjustable
- D-WDR(ATR/BLC)
- OSD with English & Chinese
- RS-485 control/PTZ control interface
- Pelco D/P protocols
- DC12V power supply

Rear View



650TVL Zoom Camera (27x)
SF-299C

Features

- 1/4" Sony EXview HADII CCD, 650TVL
- High sensitivity for lowlight
- True D/N mechanical ICR
- 27x optical zoom
- Auto focus optical zoom lens
- Zoom-in/out speed adjustable
- OSD with English & Chinese
- RS-485 control/PTZ control interface
- Pelco D/P protocols
- DC12V power supply

Rear View



650TVL Zoom Camera (27x)
SF-299E

Features

- 1/4" Sony EXview HADII CCD, 650TVL
- High sensitivity for lowlight
- True D/N mechanical ICR
- 27x optical zoom
- Auto focus optical zoom lens
- Zoom-in/out speed adjustable
- OSD with English & Chinese
- RS-485 control/PTZ control interface
- Pelco D/P protocols
- DC12V power supply

Rear View



480TVL Zoom Camera (27x)
SF-278T

Features

- 1/4" Sony Super HADII CCD, 480TVL
- High sensitivity for lowlight
- True D/N mechanical ICR
- Economic 27x optical zoom
- Auto focus optical zoom lens
- Zoom-in/out speed adjustable
- OSD with English & Chinese
- RS-485 control/PTZ control interface
- Pelco D/P protocols
- DC12V power supply

Rear View



Weatherproof Bullet Camera

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IR Weatherproof Camera(VF)
SF-3088S

Features

- 1/3" Sony EXview HADII CCD, 700TVL
- Ultra lowlight high sensitivity
- D-WDR(ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Manual vari-focal lens 2.8-12mm
- 48x5mm IR LED 30m illumination
- Intelligent IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- OSD cable controller
- IP 65

Related Optional Model

- SF-3030S
- 420TVL
 - Fixed lens 3.6mm
 - 30x5mm IR LED 20m illumination



IR Weatherproof Camera(VF)
SF-3086P

Features

- 1/3" Sony EXview HADII CCD, 700TVL
- Ultra lowlight high sensitivity
- D-WDR(ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Manual vari-focal lens 2.8-12mm
- 48x5mm IR LED 30m illumination
- Intelligent IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- OSD cable controller
- IP 65

Related Optional Model

- SF-3033P
- 420TVL
 - Fixed lens 3.6mm
 - 30x5mm IR LED 20m illumination



IR Weatherproof Camera(VF)
SF-3086Y

Features

- 1/3" Sony EXview HADII CCD, 700TVL
- Ultra lowlight high sensitivity
- D-WDR(ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Manual vari-focal lens 2.8-12mm
- 42x5mm IR LED 30m illumination
- Intelligent IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- OSD cable controller
- IP 66

Related Optional Model

- SF-3M51Y
- 600TVL CMOS Camera
 - Fixed lens 3.6mm
 - 24x5mm IR LED 18m illumination



IR Weatherproof Camera(VF)
SF-3072R

Features

- 1/3" Sony EXview HADII CCD, 650TVL
- High sensitivity for lowlight
- D-WDR(ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Manual vari-focal lens 2.8-12mm
- 42x5mm IR LED 30m illumination
- Intelligent IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- OSD cable controller
- IP 65

Related Optional Model

- SF-3031R
- 420TVL
 - Fixed lens 3.6mm
 - 30x5mm IR LED 20m illumination



Weatherproof Bullet Camera



Array IR Waterproof Camera (FX/ZM)
SF-3087CZ

Features

- 1/3" Sony EXview HADII CCD, 700TVL
- Ultra lowlight high sensitivity
- D-WDR (ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Fixed lens 25mm CS mount
- 2x array IR LED 80m illumination
- Intelligent IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- 27x zoom module optional
- OSD cable controller
- IP 66



Array IR Waterproof Camera (VF)
SF-3088FZ

Features

- 1/3" Sony EXview HADII CCD, 700TVL
- Ultra lowlight high sensitivity
- Mechanical ICR optional
- D-WDR (ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Manual vari-focal lens 9-22/5-50mm
- 4x array IR LED 80m illumination
- Intelligent IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- OSD cable controller
- IP 65

Other Optional Model

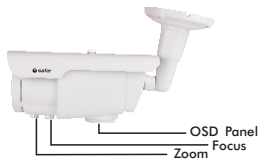
- SF-3086QZ
- 700TVL
- Fixed lens 4mm CS mount
- 2x array IR LED 30m illumination



IR Waterproof Camera (VF)
SF-3087N

Features

- 1/3" Sony EXview HADII CCD, 700TVL
- Ultra lowlight high sensitivity
- Mechanical ICR optional
- D-WDR (ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Manual vari-focal lens 2.8-12mm
- 72x5mm IR LED 50m illumination
- Intelligent IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- OSD panel design
- IP 65



Array IR Waterproof Camera (FX)
SF-3088NZ

Features

- 1/3" Sony EXview HADII CCD, 700TVL
- Ultra lowlight high sensitivity
- D-WDR (ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Fixed lens 3.6mm
- 1x array IR LED 15m illumination
- Intelligent IR
- AGC Auto adjusting brightness
- DC12V power supply
- IP 66



IR Waterproof Camera (FX)
SF-3078C

Features

- 1/3" Sony Super HADII CCD, 650TVL
- High sensitivity for lowlight
- D-WDR (ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Fixed lens 3.6mm
- 30x5mm IR LED 20m illumination
- Intelligent IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket (Optional)
- IP 66



IR Waterproof Camera (FX)
SF-3033FS

Features

- 1/3" Sony Super HADII CCD, 420TVL
- High sensitivity for lowlight
- Fixed lens 3.6mm
- 24x5mm IR LED 18m illumination
- Electronic Auto Day/Night
- Auto BLC, AWB
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- IP 66

Related Optional Model

- SF-3031Q
- 420TVL
- Fixed lens 3.6mm
- 24x 5mm IR LED 18m illumination



IR Waterproof Camera (FX)
SF-33J-N078A

Features

- 1/3" Sony Super HADII CCD, 650TVL
- High sensitivity for lowlight
- D-WDR, De-moire
- 2D/3D-DNR, OSD, HLC
- Motion detection, privacy mask
- Fixed lens 3.6mm
- 30x5mm IR LED 20m illumination
- Smart IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- IP 66



IR Waterproof Camera (VF)
SF-3032S

Features

- 1/3" Sony Super HADII CCD, 420TVL
- High sensitivity for lowlight
- Fixed lens 3.6mm
- 30x5mm IR LED 20m illumination
- Electronic Auto Day/Night
- Auto BLC, AWB
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- IP 66

Weatherproof Bullet Camera

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IR Waterproof Camera (VF)
SF-37W-N078A

Features

- 1/3" Sony Super HADII CCD, 650TVL
- High sensitivity for lowlight
- D-WDR, De-moire
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Manual vari-focal lens 2.8-12mm
- 30x 8mm IR LED 40m illumination
- Smart IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- IP 65

Related Optional Model

- SF-33S-N078A
- 650TVL
- Manual vari-focal lens 2.8-12mm
- 42x 5mm IR LED 30m illumination



IR Waterproof Camera (FX)
SF-3071W

Features

- 1/3" Sony EXview HADII CCD, 650TVL
- High sensitivity for lowlight
- D-WDR (ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Fixed lens 3.6mm
- 30x 5mm IR LED 20m illumination
- Intelligent IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- IP 66

Related Optional Model

- SF-3031NS
- 420TVL
- Fixed lens 3.6mm
- 12x 5mm IR LED 8m illumination



IR Waterproof Camera (VF)
SF-3077R

Features

- 1/3" Sony EXview HADII CCD, 650TVL
- High sensitivity for lowlight
- D-WDR (ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Manual vari-focal lens 2.8-12mm
- 30x 8mm IR LED 40m illumination
- Intelligent IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- IP 65



IR Waterproof Camera (VF)
SF-38G-N078A

Features

- 1/3" Sony Super HADII CCD, 650TVL
- High sensitivity for lowlight
- D-WDR (ATR/BLC), De-moire
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- Manual vari-focal lens 2.8-12mm
- 72x 5mm IR LED 50m illumination
- Smart IR
- AGC Auto adjusting brightness
- DC12V power supply
- Integrated cable management bracket
- IP 65

Related Optional Model

- SF-38E-N078A
- 650TVL
- Manual vari-focus 2.8-12mm
- 42x 5mm IR LED 30m illumination



Indoor IR Dome Camera (FX/VF)
SF-6079VPIR

Features

- 1/3" Sony Super HADII CCD, 650TVL
- High sensitivity for lowlight
- 22x5mm IR LED 15m illumination
- Intelligent IR
- Fixed lens 3.6mm
- Vari-focus lens 2.8-12mm optional
- D-WDR (ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- AGC Auto adjusting brightness
- DC12V power supply

Related Optional Model

- SF-6079VP
- 650TVL
- Fixed lens 3.6mm (vari-focal lens optional)



Indoor IR Dome Camera (FX/VF)
SF-6071SIR

Features

- 1/3" Sony Super HADII CCD, 650TVL
- High sensitivity for lowlight
- 22x5mm IR LED 15m illumination
- Intelligent IR
- Fixed lens 3.6mm
- Vari-focus lens 2.8-12mm optional
- D-WDR (ATR/BLC)
- 2D-DNR, OSD, HLC
- Motion detection, privacy mask
- AGC Auto adjusting brightness
- DC12V power supply
- 3-axis lens movement

Related Optional Model

- SF-6071S
- 650TVL
- Fixed lens 3.6mm (vari-focal lens optional)



Indoor IR Dome Camera (FX/VF)
SF-6071TIR

Features

- 1/3" Sony Super HADII CCD, 650TVL
- High sensitivity for lowlight
- D-WDR (ATR/BLC)
- 2D-DNR, OSD, HLC
- 22x5mm IR LED 15m illumination
- Intelligent IR
- Fixed lens 3.6mm
- Vari-focus lens 4-9mm optional
- AGC Auto adjusting brightness
- DC12V power supply
- 3-axis lens movement

Internal View



Indoor IR Dome Camera (FX)
SY-603APS

Features

- 1/3" Sony Super HADII CCD, 420TVL
- High sensitivity for lowlight
- Fixed lens 3.6mm
- 23x5mm IR LED 18m illumination
- Electronic Auto Day/Night
- Auto BLC, AWB
- AGC Auto adjusting brightness
- DC12V power supply
- 3-axis lens movement

Related Optional Model

- SF-6M51B
- 600TVL CMOS Camera
- Fixed lens 3.6mm



Indoor Dome Camera

www.safer.com.cn 7

Vandal-Resistant Dome Camera



Outdoor IR Dome Camera (VF)
SF-6089QIR

- Features
- 1/3" Sony EXview HADII CCD, 700TVL
 - Ultra lowlight high sensitivity
 - 30x5mm IR LED 20m illumination
 - Manual vari-focal lens 2.8-12mm
 - D-WDR(ATR/BLC)
 - 2D-DNR, OSD, HLC
 - Intelligent IR
 - Motion detection, privacy mask
 - AGC Auto adjusting brightness
 - DC12V power supply
 - 3-axis lens movement
 - Vandal-resistant housing
 - IP65

Related Optional Model
SF-6089SIR

- 700TVL
- Manual vari-focal lens 2.8-12mm
- 30x 5mm IR LED 20m illumination



Outdoor IR Dome Camera (VF)
SF-6089NIR

- Features
- 1/3" Sony EXview HADII CCD, 700TVL
 - Ultra lowlight high sensitivity
 - D-WDR(ATR/BLC)
 - 2D-DNR, OSD, HLC
 - Intelligent IR
 - Motion detection, privacy mask
 - Manual vari-focal lens 2.8-12mm
 - 30x5mm IR LED 20m illumination
 - Intelligent IR
 - AGC Auto adjusting brightness
 - DC12V power supply
 - Vandal-resistant housing

Related Optional Model
SF-6089JIR

- 700TVL
- Manual Vari-focal lens 2.8-12mm
- 30x 5mm IR LED 20m illumination



Array IR Dome Camera(FX)
SF-607NZ

- Features
- 1/3" Sony Super HADII CCD, 650TVL
 - High sensitivity for lowlight
 - 1x array IR LED 15m illumination
 - Fixed lens 3.6mm CS mount
 - Intelligent IR
 - D-WDR(ATR/BLC)
 - 2D-DNR, OSD, HLC
 - Motion detection, pricacy mask
 - AGC Auto adjusting brightness
 - DC12V power supply
 - 3-axis lens movement
 - Van dal-resistant housing

Related Optional Model
SF-603ZZ

- 420TVL
- Fixed lens 3.6mm
- 1x array IR LED 15m illumination



Vandal Resistant Dome Camera (FX)
SF-603G

- Features
- 1/3" Sony Super HADII CCD, 420TVL
 - High sensitivity for lowlight
 - Fixed lens 3.6mm
 - Electronic Auto Day/Night
 - Auto BLC,AWB
 - AGC Auto adjusting brightness
 - DC12V power supply
 - 3-axis lens movement
 - Metal housing vandal resistant

Related Optional Model
SF-6033

- 420TVL
- Fixed lens 3.6mm
- Metal housing for elevator



Specialty Convert Camera



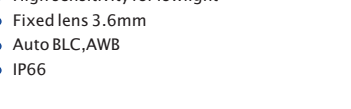
Square Mini Camera (FX)
SF-8031

- Features
- 1/3" Sony Super HADII CCD, 420TVL
 - High sensitivity for lowlight
 - Fixed lens 3.6mm
 - Auto BLC,AWB
 - DC12V power supply

Waterproof Mini Camera (FX)
SF-3035

Features

- 1/3" Sony Super HADII CCD, 420TVL
- High sensitivity for lowlight
- Fixed lens 3.6mm
- Auto BLC,AWB
- IP66



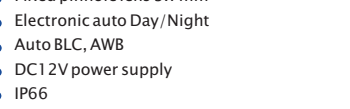
SquareMini Camera (FX)
SF-8031MB

- Features
- 1/3" SonySuper HADII CCD, 420TVL
 - High sensitivity for lowlight
 - Fixed pinhole lens 3.7mm
 - 1CH audio input & output
 - DC 12V power supply

Waterproof Mini Camera (FX)
SF-3035B

Features

- 1/3" SonySuper HADII CCD, 420TVL
- Fixed pinhole lens 3.7mm
- Electronic auto Day/Night
- Auto BLC, AWB
- DC12V power supply
- IP66



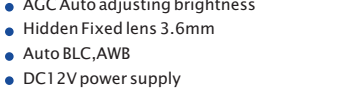
IR Covert Camera(FX)
SF-6035EIR

- Features
- 1/3" SonySuper HADII CCD, 420TVL
 - High sensitivity for lowlight
 - Fixed pinhole lens 3.7mm
 - Hidden 15x5mm LED IR 8m
 - DC12V power supply

Smoke Covert Camera(FX)
SF-6035

Features

- 1/3" SonySuper HADII CCD, 420TVL
- AGC Auto adjusting brightness
- Hidden Fixed lens 3.6mm
- Auto BLC,AWB
- DC12V power supply



PIR Convert Camera (FX)
SF-6035S

- Features
- 1/3" Sony Super HADII CCD, 420TVL
 - High sensitivity for lowlight
 - Fixed pinhole lens 3.7mm
 - Hidden PIR sensor
 - 1CH alarm, 1CH Audio
 - DC12V power supply

Cable & interface

Internal View

PIR sensor

Pinhole lens



Eye-Ball Dome Camera



Outdoor IR Dome Camera (VF)
SF-607FIR

- Features
- 1/3" Sony Super HADII CCD, 650TVL
 - High sensitivity for lowlight
 - 36x 5mm IR LED 25m illumination
 - Intelligent IR
 - Manual vari-focal lens 2.8-12mm
 - D-WDR(ATR/BLC)
 - 2D-DNR, OSD, HLC
 - Motion detection, privacy mask
 - AGC Auto adjusting brightness
 - DC12V power supply
 - 3-axis lens movement
 - Vandal-resistant housing
 - IP65



Outdoor IR Dome Camera (FX)
SF-607WIR

- Features
- 1/3" Sony Super HADII CCD, 650TVL
 - High sensitivity for lowlight
 - D-WDR(ATR/BLC)
 - 2D-DNR, OSD, HLC
 - Motion detection, privacy mask
 - Fixed lens 3.6mm
 - 24x 5mm IR LED 18m illumination
 - Intelligent IR
 - AGC Auto adjusting brightness
 - DC12V power supply
 - 3-axis lens movement
 - Vandal-resistant housing
 - IP66

Related Optional Model
SF-603DIR

- 420TVL
- Fixed lens 3.6mm
- 24x 5mm IR LED 18m illumination



Outdoor IR Dome Camera (FX)
SF-607SIR

- Features
- 1/3" Sony Super HADII CCD, 650TVL
 - High sensitivity for lowlight
 - 42x 5mm IR LED 30m illumination
 - Intelligent IR
 - Fixed lens 16mm CS mount
 - D-WDR(ATR/BLC)
 - 2D-DNR, OSD, HLC
 - Motion detection, privacy mask
 - AGC Auto adjusting brightness
 - DC12V power supply
 - 3-axis lens movement
 - Vandal-resistant housing
 - IP66

Related Optional Model
SF-603AS

- 420TVL
- Fixed lens 3.6mm
- 23x 5mm IR LED 18m illumination



Outdoor IR Dome Camera (VF)
SF-6B-N078A

- Features
- 1/3" Sony Super HADII CCD, 650TVL
 - High sensitivity for lowlight
 - D-WDR(ATR/BLC), De-moire
 - 2D-DNR, OSD, HLC
 - Motion detection, privacy mask
 - Manual vari-focal lens 2.8-12mm
 - 36x5mm IR LED 25m illumination
 - Smart IR
 - AGC Auto adjusting brightness
 - DC12V power supply
 - 3-axis lens movement
 - Vandal-resistant housing
 - IP65

Related Optional Model
SF-603AS

- 420TVL
- Fixed lens 3.6mm
- 23x 5mm IR LED 18m illumination



Stand-Alone DVR



4/8CH Economic DVR
SF-D8904AV/D8908AV

- Features
- Dual-stream transmission 4CH/8CH
 - Max.record 100/120fps D1 (D8904AV), 200/240fps CIF (D8908AV)
 - Dynamic record schedule(manual,time, motion,remote)
 - 1CH BNC & 1CH VGA output
 - 4CH(D8904AV)/8H(D8908AV)audio in, 1CH audio out
 - Front panel button/remote controller/USB mouse
 - USB backup & firmware upgrade
 - 1SATA HDD 2TB Max.
 - Web browsers(IE/Firefox/Chrome/Opera/Safari)
 - Network protocols(TCP/IP/PPPoE/DHCP/DDNS/UPNP)
 - Mobile phone viewer(Windows/Symbian/iphone/Blackberry/Andriod)
 - Multiplied languages(10+languages)

Related optional model
SF-D8604AV/D8608AV



4/8CH Full Function DVR
SF-D8204AV/D8208AV

- Features
- Dual-stream transmission 4CH/8CH
 - Max.record 100/120fps D1 (D8204AV), 200/240fps CIF (D8208AV)
 - Dynamic record schedule(manual,time, motion,remote)
 - 1CH BNC & 1CH VGA output
 - 4CH(D8204AV)/8H(D8208AV)audio in, 1CH audio out
 - Front panel button/remote controller/USB mouse
 - USB backup & firmware upgrade
 - 1SATA HDD 2TB Max.
 - Web browsers(IE/Firefox/Chrome/Opera/Safari)
 - Network protocols(TCP/IP/PPPoE/DHCP/DDNS/UPNP)
 - Mobile phone viewer(Windows/Symbian/iphone/Blackberry/Andriod)
 - Multiplied languages(10+languages)



16CH Full Function DVR
SF-D8016V

- Features
- Dual-stream transmission 16CH
 - Max.record 400/480fps CIF, 200/240fps Hd1, 100/120fps D1
 - Dynamic record schedule(manual,time, motion,remote)
 - 1CH BNC, 1CH SPOT, 1CH VGA output
 - 4CH audio in, 1CH audio out
 - Front panel button/remote controller/USB mouse
 - USB backup & firmware upgrade
 - 2SATA HDD 2TB Max.
 - Web browsers(IE/Firefox/Chrome/Opera/Safari)
 - Network protocols(TCP/IP/PPPoE/DHCP/DDNS/UPNP)
 - Mobile phone viewer(Windows/Symbian/iphone/Blackberry/Andriod)
 - Multiplied languages(10+languages)



8/16CH D1 Real-time DVR
SF-D9708FD/D9716FD

- Features
- Dual-stream transmission 8CH/16CH
 - Max.record 200/240fps D1 (D9708FD), 400/480fps D1 (D9716FD)
 - Dynamic record schedule(manual,time, motion,remote)
 - 1CH BNC, 1CH VGA output, 1CH SPOT, 1CH HD MI
 - 8CH(D9708FD)/16CH(D9716FD) audio in, 1CH audio out
 - Front panel button/remote controller/USB mouse
 - USB backup & firmware upgrade
 - 4SATA HDD 2TB Max. 1x DVR-RW(Optional)
 - Web browsers(IE/Firefox/Chrome/Opera/Safari)
 - Network protocols(TCP/IP/PPPoE/DHCP/DDNS/UPNP)
 - Mobile phone viewer(Windows/Symbian/iphone/Blackberry/Andriod)
 - Multiplied languages(10+languages)