



## Active Deterrence Dual Light Smart Network Camera



*Fine quality made in Taiwan*

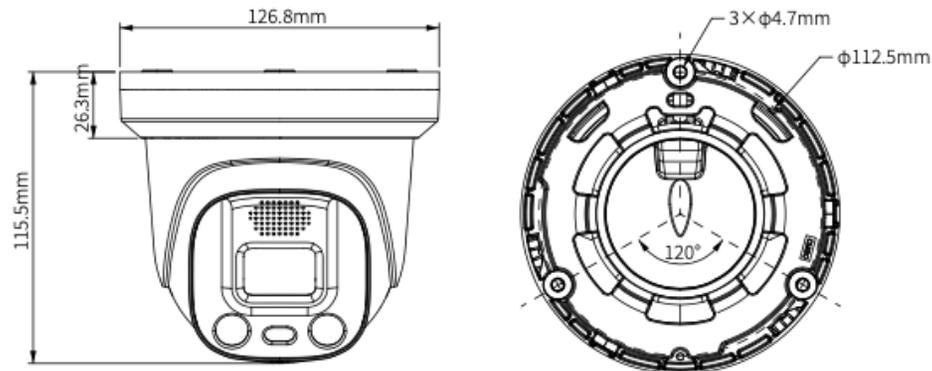
# Features

- ★ 5MP SONY Starvis CMOS image sensor + Novatek (Taiwan) chip.
- ★ Support H.264 / H.264+ / H.265 / H.265+ / JPEG / AVI compression format.
- ★ Support 120dB WDR (Wide Dynamic Range), 3DNR (3D Noise Reduction), BLC (Backlight Compensation), AWB (Auto White Balance).
- ★ Support multi-stream transmission, each stream can be individually set and adjusted.
- ★ Support automatic adaptation of network bandwidth.
- ★ Support standard ONVIF protocol.
- ★ Support various smart detection based on humanoid & vehicle. When the alarm is triggered, multiple linkage methods can be set, including built-in multi-scene sound alarm, warm light or red and blue light alarm.
- ★ Built-in microphone & speaker; built-in micro SD memory card slot (up to 1TB), built-in alarm I/O.
- ★ Support OSD location setting to avoid blocking the screen.
- ★ Built-in dual light (mixing warm light and IR LED), automatically fill light when the scene light is insufficient.
- ★ Automatically switch from B&W image to color image when humanoid & vehicles are detected.
- ★ Support RJ45 10/100M, built-in POE IEEE 802.3af network power supply.
- ★ Support mobile monitoring (iPhone / iPad / Android / Android Pad).
- ★ Support various browsers (IE8~11 / Chrome / Firefox / Safari) and client software (VMS) for Mac & Windows.

# Specifications

<b>Model No.</b>	<b>NFC5D3S</b>
<b>CMOS Image Sensor</b>	1/2.8" 5MP SONY IMX335 Starvis Back Illuminated CMOS Sensor + Novatek NT98566 Chip
<b>Effective Pixels (HxV)</b>	2616x1964
<b>Compression Format</b>	H.264 / H.264+ / H.265 / H.265+ / JPEG / AVI
<b>Video Format Standard</b>	NTSC / PAL
<b>Elec. Shutter Speed</b>	1/3~1/100,000s
<b>Minimum Illumination</b>	0.006 LUX @ F1.6 (AGC ON) / 0 LUX @ IR / 0 LUX @ Warm Light
<b>S/N Ratio</b>	≥ 60 dB
<b>System Scan</b>	Progressive
<b>Video Output</b>	Network
<b>Hardware Reset Button</b>	NIL
<b>Lens Furnished</b>	5MP HD Board Lens Fixed Focal 3.6mm (Optional 2.8mm / 6mm)
<b>LED</b>	Warm Light LED 4000K*1 & IR Array LED 850nm*1
<b>Projection Distance</b>	40M
<b>LED Status</b>	Auto Control
<b>LED Mode</b>	Smart / Manual / Scheduled
<b>Ethernet</b>	1*RJ-45 10/100M Auto Adaptive (Built-in 6KV Anti-Static Protection)
<b>Network Protocol</b>	TCP/IP; IPv4/v6; ICMP; HTTP; HTTPS; FTP; DHCP; DNS; DDNS; RTP; RTSP; RTCP; PPPoE; NTP; SMTP; UDP; Qos; 802.1x
<b>ONVIF Version</b>	ONVIF 19.12 (Profile S/T/G)
<b>P2P</b>	Support
<b>Power Supply</b>	DC12V±10%, 1000mA; Built-in POE, Support IEEE 802.3af
<b>Browser</b>	IE8~11 / Chrome / Firefox / Safari
<b>Main Stream-1</b>	2592x1944@30fps
<b>Main Stream-2</b>	2560x1440@30fps
<b>Main Stream-3</b>	1920x1080@30fps / 1280x720@30fps

Sub-Stream-1	1280x720@30fps
Sub-Stream-2	720x480@30fps
Mobile Devices	iPhone / iPad / Android / Android Pad
Smart Detection	Base on Humanoid & Vehicle: Intrusion Detection / Line Crossing Detection Based on Humanoid: Motion Detection / Enter Area / Leave Area / Loitering Detection / People Gathering Detection
Day & Night	Full Color; B/W (IR-cut)
Image Configuration	Saturation / Brightness / Contrast / Sharpness / Mirror / 3DNR / White Balance / Anti-Flicker / HLC / Video Tampering
ROI (Region of Interest)	Support
Wide Dynamic Range	120dB
Image Mask	3 Rectangular Areas
Video Record	NVR / VMS / WEB / SD card
Memory Card Slot	Internal (Support max. 1TB)
Microphone	Built-in
Speaker	Built-in
Alarm I/O	1CH / 1CH
Housing Material	Metal IP67 Weatherproof
Operating Environment	Temperature: -10°C to 50°C (14°F to 122°F) / Humidity: 95% Non-condensing
Dimensions / Weight	126.8(D) x 115.5(H)mm / 580g



# Alarm Linkage Settings

The image displays two screenshots of the IP Camera Configuration interface, specifically the Alarm Linkage Settings section. The top screenshot shows the Motion detection settings, and the bottom screenshot shows the Intrusion detection settings. Both screenshots include a sidebar menu, a top navigation bar, and a main configuration area with various options and a preview window.

**Top Screenshot: Motion Detection Settings**

- Navigation:** PreView, Playback, Picture Management, **Configuration**, Maintenance
- Sub-Menu:** Motion, Privacy Mask, Video Tampering, Alarm Input, Alarm Output, Exception, ROI, Sound Alarm
- Enable:**  Enable,  Detect human movement only
- Area Settings:** Area Settings, Arming Schedule, Linkage Method
- Linkage Method Options:**
  - Normal Linkage
  - Trigger Alarm Output
  - Sound Alarm
  - Light Warning
- Sound Alarm Settings:**
  - Sound Alarm
  - Sound Type: Warning tone-Alarm sound (Audition)
  - Duration: 2
- Light Warning Settings:**
  - Warm Light Warning
  - Red and blue Light W...
  - Duration: 10
- Preview:** Shows a white IP camera with red and blue light beams.

**Bottom Screenshot: Intrusion Detection Settings**

- Navigation:** PreView, Playback, Picture Management, **Configuration**, Maintenance
- Sub-Menu:** Intrusion, Enter Area, Leave Area, Line Crossing Detection, Loitering Detection, People Gathering
- Enable:**  Enable
- Area Settings:** Area Settings, Arming Schedule, Linkage Method
- Linkage Method Options:**
  - Normal Linkage
  - Trigger Alarm Output
  - Sound Alarm
  - Light Warning
- Sound Alarm Settings:**
  - Sound Alarm
  - Sound Type: Warning tone-Alarm sound (Audition)
  - Duration: 2
- Light Warning Settings:**
  - Warm Light Warning
  - Red and blue Light W...
  - Duration: 10
- Preview:** Shows a person in a black hoodie and mask walking, with a red bounding box around them.

# Light Settings

Day and Night Switch	Auto	▼
Sensitivity	3	▼
Fill Light Mode	IR Mode	▼
Brightness Adjustment	Manual	▼
Light Brightness		100

- ★ Day and Night Switch: Auto
- ★ Sensitivity: 0~7 adjustable (Default: 3), the smaller the value, the darker it will switch to B&W image.
- ★ Fill Light Mode:
  - IR Mode: Auto turn on IR LED (Switch to B&W image).
  - Warm Light Mode: Auto turn on warm light LED (Switch to color image).
  - Intelligent Mode: Auto turn on IR LED and auto switch to warm light LED when humanoid / vehicles are detected.
- ★ Light Brightness: Auto / Manual: The larger the value, the brighter the light.

Day and Night Switch	Day	▼
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- ★ Day and Night Switch: Day (LED stays OFF and image stays in color, there are no other settings available)

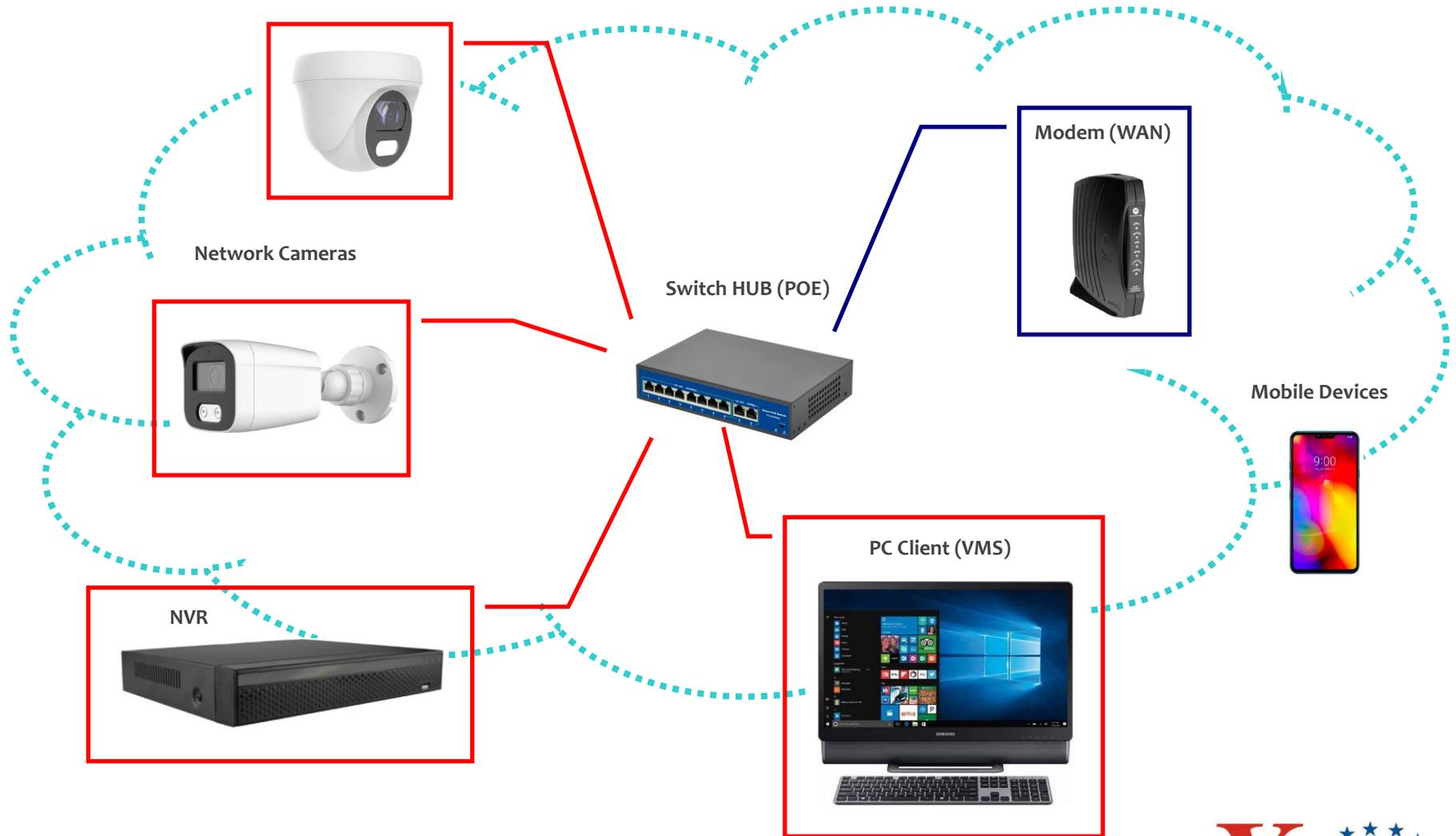
Day and Night Switch	Night	▼
Sensitivity	3	▼
Fill Light Mode	IR Mode	▼
Light Brightness		100

- ★ Day and Night Switch: Night (LED stays ON)
- ★ Fill Light Mode:
  - IR Mode: IR LED ON (Stays in B/W image).
  - Warm Light Mode: Warm light LED ON (Stays in color image).
  - Intelligent Mode: IR LED ON and auto switch to warm light LED when humanoid / vehicles are detected.
- ★ Light Brightness: The larger the value, the brighter the light.

Day and Night Switch	Scheduled Switch	▼			
Dawn Time	06	▼	:	30	▼
Dark Time	18	▼	:	00	▼

- ★ Day and Night Switch: Scheduled Switch
- ★ Scheduled Dawn Time to turn off LED
- ★ Scheduled Dark Time to turn on LED
- ★ Fill Light Mode: IR Mode / Warm Light Mode / Intelligent Mode (Active in Dark Time).
- ★ Light Brightness: The larger the value, the brighter the light.

# Infrastructure



Slight specification variations may occur due to product enhancement to optimize functionality