



**SNCCH180**  
Network 720p HD  
Bullet Camera with  
View-DR Technology  
and IR Illuminator

**\$1,748.00**

U.S.List Price

UPC: 027242259942

**Overview**

This outdoor-ready, wide dynamic range camera is designed with built-in infrared (IR) illuminators. As a dual-stream network camera, it supports H.264, MPEG-4, and JPEG compression formats, and delivers excellent picture quality in HD 720p resolution at 30 fps. Incorporating the new "Exmor™" CMOS image sensor, which is designed for surveillance, this camera features state-of-the-art image-enhancement technology, View-DR.

**Highlights**

- \* Superior 720p HD picture quality, supporting h.264 at 30 fps
- \* Maximum resolution 1280 x 1024
- \* Superior dynamic range using newly developed View-DR (visibility enhanced wide dynamic range)
- \* Clearly see objects in the dark up to 15 m (49 feet) away with IR Illuminators
- \* XDNR (excellent dynamic noise reduction) for clear images in low light without motion blur
- \* Three codecs (JPEG/MPEG-4/H.264) and dual encoding
- \* The new "Exmor" CMOS sensor provides high image quality and high sensitivity for surveillance
- \* Easy focus function
- \* DEPA Advanced - intelligent video and audio analytics, trigger an alarm based on user-defined rules, intelligent motion detection, tamper alarm and advanced audio detection
- \* Power over Ethernet (PoE) capability
- \* CF slot for on-board recording allows streaming of locally stored data using RTP/RTCP protocol for backup purposes or post-recording reviews\*3
- \* ONVIF conformance (open network video interface forum)
- \* IP66 Rated

**Features**

Features	Benefits
	The SSC-E473 incorporates a newly developed 1/3-type CCD with SuperExwave technology that achieves extremely high sensitivity levels and produces high-quality images. This CCD imager provides a minimum illumination of 0.55 lx at F1.2, enabling the camera to capture clear and detailed images even under low light conditions. Additionally, the camera reproduces images with a high picture quality of 380,000 pixels and have an excellent S/N ratio of more than 50 dB.
Innovative DSP Technology	Unlike conventional DSPs, the newly developed DSP technology employed in the camera increases the horizontal resolution attainable by the CCD. Due to a combination of this DSP technology and the SuperExwave CCD technology, the camera offers a high horizontal resolution of 540 TV lines, providing amazingly clear and detailed images.
Day/Night function	The SSC-E473 features a "Day/Night" capability, which provides optimized sensitivity in both day- and night-shooting applications. As the scene darkens, an infrared filter is automatically replaced with a clear filter and the camera switches to black-and-white mode, allowing for operation at a minimum illumination of 0.05 lx.

Slim and Stylish Design	The slim and lightweight camera can easily be installed in places where space is limited and where installation was previously difficult for larger cameras. A stylish rear panel cover and transparent lens cap come as standard on the camera, so the camera will not detract from the natural decor of the room in which they are installed.
Wide Auto Tracing White (ATW) Range	ATW is a feature that automatically adjusts the camera's white balance to adapt to changing light conditions. The SSC-E473 provides an extremely wide ATW range of 2,000 K to 10,000 K, allowing adjustment-free operation under a variety of light conditions. Users can choose from two modes: ATW Pro and ATW. ATW Pro mode is particularly suited to applications where the operator needs to see objects as they appear to the eye. This ensures that a precise color image is always obtained.
Turbo AGC	The SSC-E473 camera is equipped with an advanced Turbo AGC function. This allows the user to boost camera gain to 24 dB, enabling viewers of the image to distinguish the subject more easily - even if it is shot in low light. The AGC mode is switchable between OFF and TURBO.
Back-Light Compensation (BLC)	Unwanted backlighting can often cause the subject matter of an image to be cast into shadow. The BLC function incorporated in the camera automatically compensates for such conditions and allows the subject to be more visible.
CCD IRIS	The CCD IRIS function allows the use of a manual iris lens instead of a more costly automatic iris lens. As the image brightness increases, the camera adjusts the exposure by automatically reducing the CCD photo sensor's exposure time (charge accumulation time). This is achieved by using the CCD electronics shutter, which has a range of 1/60 to 1/100,000 second.
DC-Servo Lens Connection Capability	The SSC-E473 camera supports the widely available DC-servo lenses.
CS-Mount	The camera is equipped with a CS-mount, which provides compatibility with industry-standard CS-mount lenses.
AC 24 V/DC 12 V Operation	The SSC-E473 accepts both AC 24 V and DC 12 V power sources, and will automatically switch to the appropriate mode upon receiving power.
Sync System	The sync system of the camera can be switched between internal lock and AC line lock. When AC line lock is selected, the V-phase can be adjusted by $\pm 90^{\circ}\text{C}$ .

## Specifications

General Specifications	Detail
Compression	H.264, MPEG4, JPEG
FPS	variable up to 30
Resolution	1.3 megapixel/720p

## Resources

### Brochure

Description:	Release Date	Type/Size
Housing Brochure 2009		pdf / 704K
SNC-CH180 Preliminary Brochure		pdf / 859K
Benefits of View-DR/DynaView/Visibility Enhancer Brochure	07/01/2010	pdf / 982K
Benefit of XDNR Brochure	07/01/2010	pdf / 2,183K

### Specification Sheet

Description:	Release Date	Type/Size
SNCCH180 Spec Sheet		pdf / 713K

### User Manual

Description:	Release Date	Type/Size
SNC-CH180 / CH280 Installation Manual		pdf / 478K
SNC-CH140 / CH180 / CH240 /		pdf / 4,967K

