

Product Specifications



# CC410W

Synology

# Hardware Specs

Optical	
Image Sensor	1/3"
IR LED wavelength	850 nm
Max. IR distance	10m (32.8ft) (0.001lux)
Shutter Speed	1/16000 s to 1/30 s
Day & Night	Automatically removable infrared-cut filter

Lens	
Lens type	Fixed Focal
Focal Length	2.12 mm
Field of View	125° H, 72° V, 145° D
DORI	D: 45m, O: 18m, R: 9m, I: 4.5m
Aperture	F2.0

Video	
Max. video resolution	2560×1440 @ 30 FPS
Multi-exposure HDR	v
DNR	<ul style="list-style-type: none"><li>• 3DNR</li><li>• 2DNR</li></ul>

## Audio

Microphone

v

Speaker

v

## Connection

WiFi Protocol

IEEE 802.11 a/b/g/n/ac

WiFi Frequency

2.4 GHz / 5 GHz

Wireless Encryption Protocol

- WPA Personal
- WPA2 Personal
- WPA3 Personal

Bluetooth

v

## I/O

Reset

v

On-Board Storage

MicroSD card slot X 1  
Supported file format: exFAT  
Note: microSD card is not included

## Power

5V DC

Power Consumption

3.03 watts

## General

Form Factor	Cube
Dimension	Ø54 × 110 mm (Ø2.13 × 4.33")
Weight	200 g (0.44 lbs)

## Temperature

Operating Condition	Operating temperature:-20°C to 40 °C (-4°F to 104°F) Operating humidity:5%~95% (non-condensing)
Storage Condition	Storage temperature:-40°C to 60°C (-40°F to 140°F) Storage humidity:5%~95% (non-condensing)

## Certification

- FCC
  - NCC
  - TELEC
  - iDA
  - IC
  - CE
  - UKCA
  - BSMI
  - VCCI
  - RCM
  - JATE
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Environment	<ul style="list-style-type: none"><li>• REACH Compliant</li><li>• WEEE Compliant</li><li>• ROHS Compliant</li></ul>
Waterproof	IP65
Vandal	-
NDAA Compliant	v
TAA Compliant	v

## Warranty

2-year

## Packaging Content

- Main Unit X 1
- 5V DC power adapter X 1
- Installation guide X 1
- Screw pack X 1

# Software Specs

Video & Audio	
Main Stream	2560×1440 @ 30 FPS 2304×1296 @ 30 FPS 1920×1080 @ 30 FPS 1280×720 @ 30 FPS
Maximum Bitrate	6144 kbps
Sub Stream	1280×720 @ 30 FPS
Video Format	<ul style="list-style-type: none"><li>• H.264</li><li>• H.265</li></ul>
Bitrate Control	<ul style="list-style-type: none"><li>• Maximum bitrate</li><li>• Variable bitrate</li></ul>
Audio Compression	G.711
Audio Denoise	v
Image Adjustment	<ul style="list-style-type: none"><li>• Brightness</li><li>• Contrast</li><li>• Sharpness</li><li>• Saturation</li><li>• White Balance</li><li>• Exposure Control</li><li>• High Dynamic Range (HDR)</li><li>• 3D/2D Noise Reduction</li><li>• 50/60 Hz Flicker Reduction</li><li>• Day/Night mode</li><li>• Overlay</li></ul>
Day/Night Mode	<ul style="list-style-type: none"><li>• Auto</li><li>• Day</li><li>• Night</li><li>• Schedule</li></ul>
Video Orientation	<ul style="list-style-type: none"><li>• Mirror</li><li>• Flip</li><li>• Rotation (0°, 90°, 180°, 270°)</li></ul>

Privacy Mask	<ul style="list-style-type: none"> <li>• Removeable/Unremovable mode</li> <li>• Up to 5 zones</li> </ul>
Max RTSP Connections	4

## Analytics

Event Analytics	<ul style="list-style-type: none"> <li>• Audio Detection</li> <li>• Tampering Detection</li> <li>• Motion Detection</li> </ul>
People & Vehicle	<ul style="list-style-type: none"> <li>• People Detection</li> <li>• Vehicle Detection</li> <li>• Crowd Detection</li> <li>• Loitering Detection</li> </ul>
Counting	People and Vehicle Counting
Intrusion	One way or Two way
Instant Search	<ul style="list-style-type: none"> <li>• Motion</li> <li>• Vehicle</li> <li>• People</li> </ul>
Auto Tracking	People

## Security

IP Filter	<ul style="list-style-type: none"><li>• Auto Block</li><li>• Allow/Block list</li></ul>
Connection Management	v
Firmware Update	<ul style="list-style-type: none"><li>• Automatically update to the important version</li><li>• Automatically update to the latest version</li><li>• Manual upload</li></ul>
Signed Firmware	v
HTTPS	v
SRTP	v

## Storage Management

Storage	microSD Card & Synology NAS
SD Card Recording Mode	<ul style="list-style-type: none"><li>• Event Analytics</li><li>• Disconnected with NAS</li></ul>

Camera Web Interface	
Liveview	v
Network	<ul style="list-style-type: none"> <li>• Auto Block</li> <li>• Allow/Block list</li> <li>• Connection Management</li> <li>• Fixed IP/DHCP</li> </ul>
System	<ul style="list-style-type: none"> <li>• Reset</li> <li>• Restart</li> <li>• Manual Firmware Upgrade</li> <li>• DST</li> <li>• Time Zone</li> </ul>
Camera Log Export	v
Protocol Support	HTTP, HTTPS, TLS v1.2, TCP/IP, UDP, IPv4, UPnP, RTSP, NTP, DHCP, SSL, RTP, SRTP
Supported Browsers	Google Chrome
Supported Language	English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svenska, Nederlands, Русский, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Český, ภาษาไทย, 日本語, 한국어, 繁體中文, 简体中文