

V420



Ideal for video-telephony



USB port



Plug & Play



Snom Connect Desktop

Professional video quality for your meetings

The Snom V420 webcam combines razor-sharp 4K image quality with intelligent audio technology, making it the ideal solution for professional video conferencing, live streams, and high-quality recordings. Thanks to automatic exposure adjustment and variable viewing angle adjustment, it delivers a brilliant image even in difficult lighting conditions – whether in the home office

or in a conference room. Three integrated microphones ensure clear voice transmission: two omnidirectional (left and right) and one unidirectional (center) for precise beamforming. With a frequency range of 20 Hz to 10.0 kHz, a sensitivity of -38 dB, and a range of up to 5 meters, the V420 is also acoustically well-equipped.

Basics and equipment

- Product information
 - Video conference camera (4K) | gunmetal black | PN 00004723
- Equipment
 - Camera with adjustable FOV
 - Beamforming microphone array
 - Convenient mounting

Dimensions and weight

- Dimensions (D x W x H, approx.)
 - Packaging: 126 mm x 131 mm x 86 mm
 - Camera: 81 mm x 56 mm x 57 mm
- Cable length (approx.)
 - 2.2 m
- Weight (approx.)
 - Camera: 139.5 g

Indicators

- Multi-purpose status indication: 1 LED indicator (green, orange, red)

Video camera features

- Image sensor: CMOS (APS), 1/2.7" (4:3 → 5.33 mm x 4.0 mm, diagonal 6.7 mm), 8 Megapixel (MP)
- Resolution / Frame rate / USB:
 - 4K @ 30 FPS (USB 3.0)
 - 1080p @ 30 FPS (USB 2.0)
 - 720p @ 30 FPS
- Field of view (FOV):¹
 - Horizontal: 87° - 110°
 - Vertical: 54° - 72°
 - Diagonal: 95° - 120°
- Aperture: f/2.4
- Depth of field (DOF): 0.5 m - 3 m

Audio features

- 3 microphones
- Omnidirectional (left, right) and unidirectional (middle) for beamforming
- Frequency range: 20 Hz - 10.0 kHz
- Sensitivity: -38 dB
- Pickup range: up to 5 m

User interfaces and setup

- PC (> Windows 10) / Mac (> macOS 12.0): [Snom Connect Desktop App](#)

Interfaces and connections

- Power options
 - USB powering: 5 V
- Wired interfaces
 - USB 3.0 type C port

Interoperability

- Communication software platforms (PC/Mac): Zoom, MS Teams, Webex, Google Meet

Environmental conditions

- Operating ambient temperature
 - 5 °C - +35 °C
- Nonoperating (storage) temperature
 - -20 °C - +60 °C

Package contents

- Hardware
 - Video conference camera
 - 1 x 2.2 m USB-C to USB-A cable
- Documentation
 - [Quick Installation Guide](#)

¹ Configuration via the [Snom Connect Desktop app](#)

Series overview



A5E



10W PSU



A210



A230



ACPJ



ACPJ25



ACUSB



HD3xx design
handset cover



WM D120



EHS 2.0



MC10



DECT Measuring
Kit



V420

Disclaimer

Further information: [Snom V420 webpage](#) | [Snom Service Hub V420](#) | [Quick Installation Guide V420](#) | [Snom Connect Desktop App](#) | [Type approval](#) | [Warranty information](#) | [Company locations](#)

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