DELL Technologies



Dell's most intelligent 4K webcam[1]

Dell UltraSharp Webcam

MODEL: WB7022

Certified for Microsoft Teams

zoom Certified

1 Based on internal analysis of external 4K personal conferencing webcams, August 2023.



Connect like you're there

Our 4K High Dynamic Range (HDR) webcam with a large Sony STARVIS™ CMOS sensor captures more light, while the multi-element lens offers crystal clear, undistorted images, delivering exceptional image quality. Experience sharp, bright and professional grade video quality every time.

Exceptional image quality

Elevate your video conferencing experience with a professional-grade webcam that optimizes your visuals with a large 4K Sony STARVIS™ CMOS sensor, multi-element lens and Advanced Image Signal Processing with AI Auto-Framing.

Elegant and premium design

Made of premium aluminum and a smooth textured metallic finish, the Dell UltraSharp Webcam looks great and makes you look even better. Mounted on your virtually borderless monitor, the webcam sits neatly atop without blocking a single pixel.

Easy to use

Offering a seamless webcam mounting solution, this premium webcam is designed for quick and effortless setup. Presence Sensing technology automatically lock/unlock your device when you walk away or approach, and uses Windows Hello to log you in

Beautiful inside and out



Conveniently snap the cover on the lens and keep it protected when not in use. Snap it to the back for safekeeping.

Facial Authentication
Log in securely with Windows Hello facial recognition.

Presence Sensing
Automatically lock and unlock your PC for enhanced security, conserve battery power, and quickly resume work.

Glass cover



Multi-element lens
Clearer and undistorted images

White LED light indicator
Turns on when camera is in use

Large Sony STARVIS™ 4K CMOS Sensor
Brighter images and better low light performance



Get an unblocked view on your virtually borderless monitor with this sleek webcam mount.



Attach the magnetic mount on your webcam without tools and enjoy neat cable management.



Flexibly attach your webcam to the tripod[1] using the inbox tripod adapter.

Windows Hello

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Click here to explore the Dell UltraSharp Webcam.

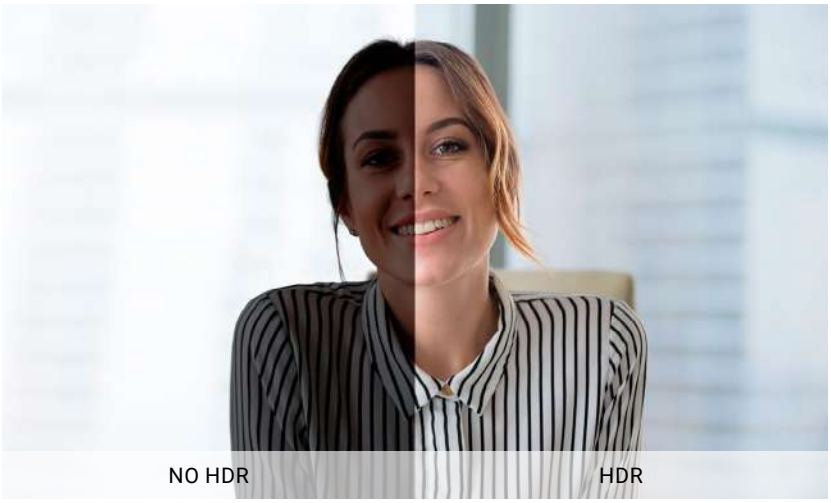
1 Tripod not included.

Look your best, always



Superior picture quality in extreme lighting environments

Digital overlap HDR delivers accurate colors even when you're overexposed because you're near a bright window.





Automatically eliminates grainy images

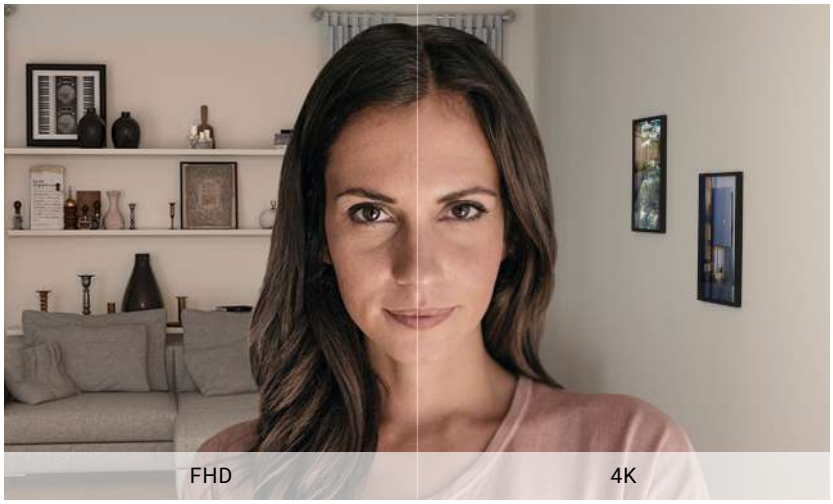
The perfect combination of Temporal Noise Reduction (3DNR) and Spatial Noise Reduction (2DNR) brings video noise reduction to the next level, offering crisp and clear picture quality even in low light.

All images shown on this page are for illustration purposes only.

Keeping you in focus

Powered by advanced AI auto-framing, the 4K webcam ensures you stay the focus of attention, keeping you at the center of the picture no matter where you move.





Brilliant however you view it

Record and playback content at 4K 30 frames per second or at full HD 60 frames per second with equally smooth and high-quality video on your monitor.



Ultra compatible, so you can work well with others

Certified for Microsoft Teams and Zoom and compatible with leading UC platforms. You can be sure that this webcam works seamlessly with your devices.

Certified for Microsoft Teams

zoom Certified

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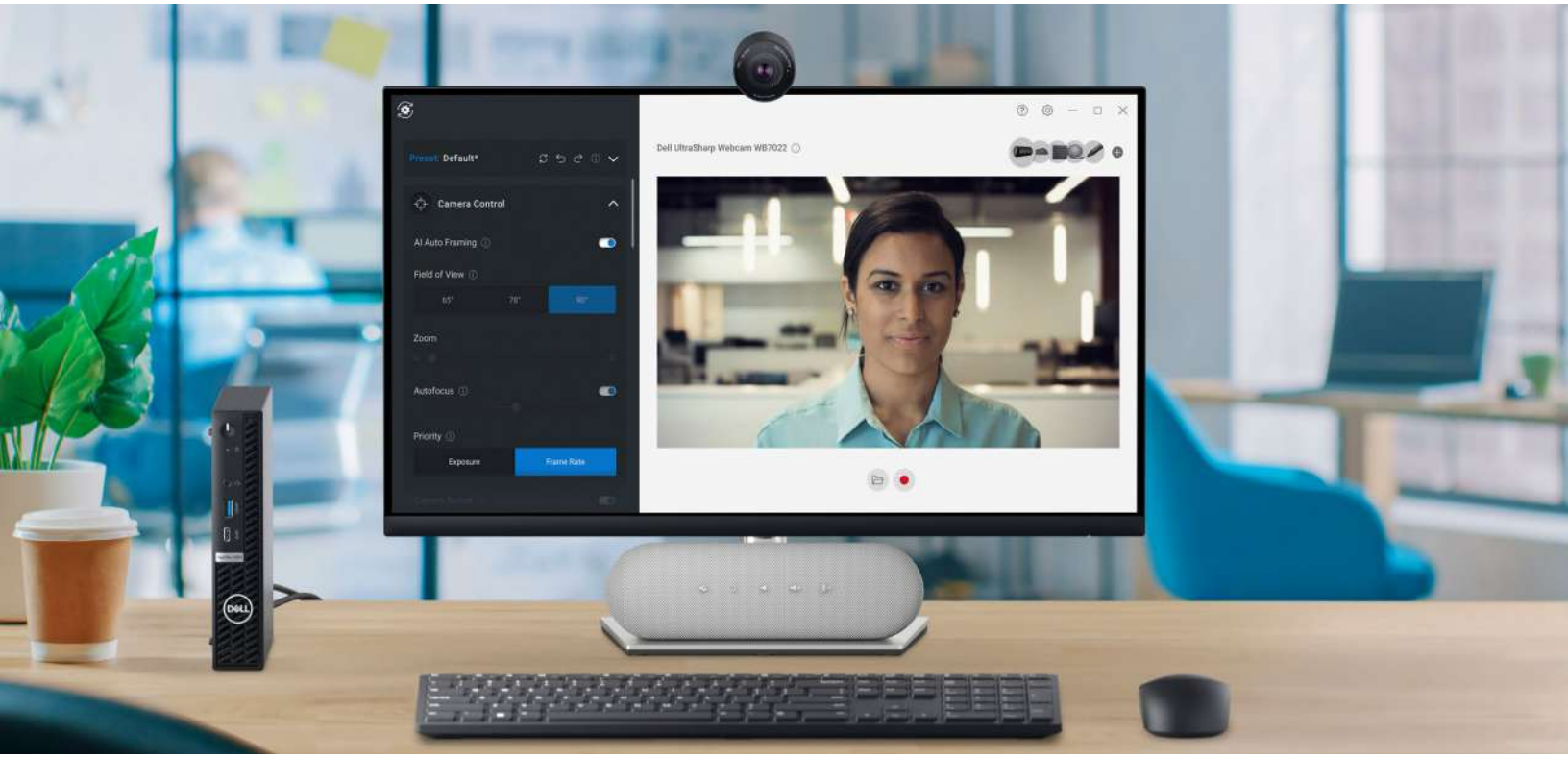

See the full picture

Design how they see you with the easy and intuitive Dell Display and Peripheral Manager software[1]

Set up is easy, with no need for lengthy install guides. The Dell Display and Peripheral Manager[1] instantly installs[2] on your PC to quickly guide you to showtime. Choose between three preset Fields of View: the default 90° view to show more of your background, 78° for mid-range or 65° for close-ups. You can customize your video with setting options that control HDR, Auto Focus, 5x Digital Zoom, AI Auto Framing, Brightness, Sharpness, Contrast and Saturation. Look your best every time with the Dell UltraSharp Webcam.



WIDE-ANGLE (90°)



MID-RANGE (78°)



CLOSE-UPS (65°)

1 Dell Display and Peripheral Manager is compatible with Win OS (10, 11, 11 on ARM) and macOS (12, 13, 14 and 15) only.
2 Manual installation may be required for some cases due to individual system security requirement. Auto-installation is also not available for macOS.

FEATURE	TECHNICAL SPECIFICATION
MODEL	Dell UltraSharp Webcam - WB7022
RESOLUTION / FPS	4K UHD / 24, 30 Full HD / 24, 30, 60 HD / 24, 30, 60
MEGAPIXEL	8.3MP
SENSOR BRAND	Large Sony STARVIS™ CMOS sensor
FIELD OF VIEW (FOV)	65, 78, 90 degree
HD DIGITAL ZOOM	Up to 5X
AUTOFOCUS	Yes
AUTO-LIGHT CORRECTION	(1) Advanced Digital Overlap (DOL) HDR (2) Video Noise Reduction (3D+2D) • Temporal Noise Reduction (3DNR) • Spatial Noise Reduction (2DNR)
AUTO WHITE BALANCE	Yes
AI AUTO-FRAMING	Yes
MICROPHONE	No
EXTERNAL PRIVACY COVER/LENS CAP	Yes (Magnetic Attach)
WINDOWS HELLO	Yes
DELL ON DELL	Express Sign-In (Windows OS only)
CERTIFICATION	Microsoft Teams, Zoom
OTHER OPTIMIZED APPS	Skype for Business, Go To Meeting, Google Meet, Google Hangout, Blue Jeans, Slack, Lifesize, Webex
WEBCAM DIMENSIONS (DIAMETER x LENGTH)	42 mm x 90 mm 1.65 in x 3.54 in
WEBCAM MOUNT DIMENSIONS (WIDTH x DEPTH x HEIGHT)	32 mm x 65 mm x 9.4 mm 1.25 in x 2.56 in x 0.37 in
MATERIAL	Annodized Aluminium
CONNECTIVITY TO PC/MONITOR	USB-A
INBOX DETACHABLE CABLE	USB-C to USB-A, 2m
SOFTWARE	Dell Display and Peripheral Manager • Windows 10 build 17763 and above (x64-based) • Windows 11 (x64-based) • Windows 11 on ARM (arm64-based) • macOS 12,13,14,15
OS SUPPORT	Win11/10 64 Bit macOS
WARRANTY[1]	3 years

1 For a copy of the Limited Hardware Warranty, write to Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see dell.com/warranty.

Technical specifications subject to change without prior notice. Product availability varies by country. Please contact your Dell representative for more information.

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