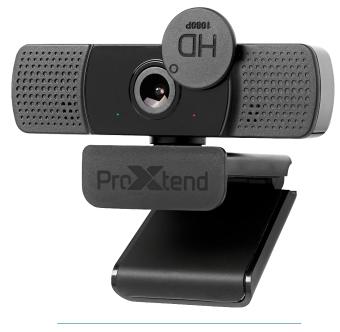


# X302 Full HD Webcam

Optical sensor size 1/2.9" Optical sensor type CMOS  Maximum video resolution 1920 x 1080  Maximum frame rate 30fps  Resolution capture speed 1920 x 1080 @ 30fps  Full HD Yes  Supported video formats H 264, MJPG  Auto focus No  Focus adjustment Fixed  Motion sensor No  Face tracking No  3D No  Zoom capability No  Focal length range 100mm to infinity  Horizontal viewing angle 97°  Automatic light correction Yes  White balance Auto / Manual  Built-in flash No  Built-in microphone Yes  Microphone direction type Omni-directional  Audio format PCM, compatible UAC 1.0  Audio sampling rate 1 Channel 16bit 8K 32K 44.1K 48K  LED indicator Power, in-use  Privacy cover Yes, pop-up  Mounting type Clip, stand  Tripod included No  USB powered Yes  USB interface USB-A 2.0  Cable length 1.5m  Housing material Plastic ABS  Supported Micros CE, FC, RoHS  Country of origin China  Plug & play  Yes	Magaziyala	0
Optical sensor type  CMOS  Maximum video resolution  Maximum frame rate  30fps  Resolution capture speed  1920 x 1080 @ 30fps  Full HD  Yes  Supported video formats  H264, MJPG  Auto focus  No  Focus adjustment  Fixed  Motion sensor  No  Face tracking  No  3D  No  Zoom capability  No  Focal length range  100mm to infinity  Horizontal viewing angle  Auto / Manual  Built-in flash  No  Built-in microphone  Yes  Microphone direction type  Microphone direction type  Audio sampling rate  1Channel 16bit 8K 32K 44.1K 48K  LED indicator  Power, in-use  Privacy cover  Yes, pop-up  Mounting type  Clip, stand  Tripod included  No  USB powered  Yes  USB interface  USB-A 2.0  Cable length  Housing material  Plastic ABS  Supported Mac OS  MacOS 10.6 and newer  Weight  160g  Certifications  Ce, FC, RoHS  Country of origin  China	Megapixels	2
Maximum video resolution 1920 x 1080  Maximum frame rate 30fps  Resolution capture speed 1920 x 1080 @ 30fps  Full HD Yes  Supported video formats H264, MJPG  Auto focus No  Focus adjustment Fixed  Motion sensor No  Face tracking No  3D No  Zoom capability No  Focal length range 100mm to infinity  Horizontal viewing angle 97°  Automatic light correction Yes  White balance Auto / Manual  Built-in microphone Yes  Microphone direction type Omni-directional  Audio format PCM, compatible UAC 1.0  Audio sampling rate 1Channel 16bit 8K 32K 44.1K 48K  LED indicator Power, in-use  Privacy cover Yes, pop-up  Mounting type Clip, stand  Tripod included No  USB powered Yes  USB interface USB-A 2.0  Cable length 1.5m  Housing material Plastic ABS  Supported Mac OS MacOS 10.6 and newer  Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin Channel or Calina in the control of the	<u> </u>	<u> </u>
Resolution capture speed 1920 x 1080 @ 30 fps Full HD Yes Supported video formats H.264, MJPG Auto focus No Focus adjustment Fixed Motion sensor No Face tracking No 3D No Zoom capability No Focal length range 100 mm to infinity Horizontal viewing angle 97° Auto mit flash No Built-in flash No Built-in microphone Yes Microphone direction type Omni-directional Audio sampling rate 1 Channel 16bit 8K 32K 44.1K 48K LED indicator Power, in-use Privacy cover Yes, pop-up Mounting type Clip, stand Tripod included No USB powered Yes USB interface USB-A 2.0 Cable length 1.5m Housing material Plastic ABS Supported Micro So Maco S 10.6 and newer Dimensions CE, FC, RoHS Country of origin Capture Capture China Ves Country of origin China Ves Ves Ves Vien Audio and newer China Ves China China China China Country of origin China CE, FC, RoHS Country of origin Country of origin Country of origin Country of origin Country of crigin Country of capture August 200 A	* **	
Resolution capture speed 1920 x 1080 @ 30fps  Full HD Yes  Supported video formats H.264, MJPG  Auto focus No  Focus adjustment Fixed  Motion sensor No  Face tracking No  3D No  Zoom capability No  Focal length range 100mm to infinity  Horizontal viewing angle 97°  Automatic light correction Yes  White balance Auto / Manual  Built-in flash No  Built-in microphone Yes  Microphone direction type Omni-directional  Audio format PCM, compatible UAC 1.0  Audio sampling rate 1 Channel 16bit 8K 32K 441K 48K  LED indicator Power, in-use  Privacy cover Yes, pop-up  Mounting type Clip, stand  Tripod included No  USB powered Yes  USB-A 2.0  Cable length 1.5m  Housing material Plastic ABS  Supported Mac OS MacOS 10.6 and newer  Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin China		
Full HD Yes Supported video formats H.264, MJPG Auto focus No Focus adjustment Fixed Motion sensor No Face tracking No 3D No Zoom capability No Focal length range 100mm to infinity Horizontal viewing angle 97° Automatic light correction Yes White balance Auto / Manual Built-in flash No Built-in microphone Yes Microphone direction type Omni-directional Audio format PCM, compatible UAC 10 Audio sampling rate 1 Channel 16bit 8K 32K 44.1K 48K LED indicator Power, in-use Privacy cover Yes, pop-up Mounting type Clip, stand Tripod included No USB powered Yes USB interface USB-A 2.0 Cable length 1.5m Housing material Plastic ABS Supported Mac OS MacOS 10.6 and newer Dimensions W 120mm x L 50mm x H 120mm Weight 160g Certifications CE, FC, RoHS Country of origin China		
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Auto focus No Focus adjustment Fixed  Motion sensor No Face tracking No 3D No Zoom capability No Focal length range 100mm to infinity  Horizontal viewing angle 97° Automatic light correction Yes  White balance Auto / Manual  Built-in flash No Built-in microphone Yes  Microphone direction type Omni-directional  Audio format PCM, compatible UAC 1.0  Audio sampling rate 1 Channel 16bit 8K 32K 44.1K 48K  LED indicator Power, in-use  Privacy cover Yes, pop-up  Mounting type Clip, stand  Tripod included No USB powered Yes  USB interface USB-A 2.0  Cable length 1.5m  Housing material Plastic ABS  Supported Windows OS Windows 7 and newer  Supported Mac OS MacOS 10.6 and newer  Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin China	Full HD	Yes
Focus adjustment  Motion sensor  No  Face tracking  No  3D  No  Zoom capability  No  Focal length range  100mm to infinity  Horizontal viewing angle  Built-in flash  No  Built-in microphone  Autio / Manual  Built-in microphone  Yes  Microphone direction type  Audio sampling rate  LED indicator  Privacy cover  Mounting type  Clip, stand  Tripod included  Ves  USB nerface  USB-A 2.0  Cable length  Housing material  Supported Mac OS  MacOS 10.6 and newer  Dimensions  Weight  LEO indication  Weight  LEO me  L	Supported video formats	H.264, MJPG
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Face tracking  No  No  Zoom capability  No  Focal length range  100mm to infinity  Horizontal viewing angle  Auto / Manual  Built-in flash  No  Built-in microphone  Yes  Microphone direction type  Audio format  Audio sampling rate  LED indicator  Privacy cover  Mounting type  Clip, stand  Tripod included  USB powered  USB interface  USB-A 2.0  Cable length  Housing material  Piastic ABS  Supported Mac OS  Micomman (A)  Will build in finity  No  No  No  No  No  No  No  No  No  N	Focus adjustment	Fixed
3D No Zoom capability No Focal length range 100mm to infinity Horizontal viewing angle 97° Automatic light correction Yes White balance Auto / Manual Built-in flash No Built-in microphone Yes Microphone direction type Omni-directional Audio format PCM, compatible UAC 1.0 Audio sampling rate 1 Channel 16bit 8K 32K 44.1K 48K LED indicator Power, in-use Privacy cover Yes, pop-up Mounting type Clip, stand Tripod included No USB powered Yes USB-A 2.0 Cable length 1.5m Housing material Plastic ABS Supported Windows OS Windows 7 and newer Supported Mac OS MacOS 10.6 and newer Dimensions W 120mm x H 120mm Weight 160g Certifications CE, FC, RoHS Country of origin China	Motion sensor	No
Zoom capability  Focal length range  100mm to infinity  Horizontal viewing angle  97°  Automatic light correction  Yes  White balance  Auto / Manual  Built-in flash  No  Built-in microphone  Yes  Microphone direction type  Omni-directional  Audio format  PCM, compatible UAC 1.0  Audio sampling rate  1 Channel 16bit 8K 32K 44.1K 48K  LED indicator  Power, in-use  Privacy cover  Yes, pop-up  Mounting type  Clip, stand  Tripod included  No  USB powered  Yes  USB-A 2.0  Cable length  1.5m  Housing material  Plastic ABS  Supported Windows OS  Windows 7 and newer  Supported Mac OS  Dimensions  W 120mm x L 50mm x H 120mm  Weight  160g  Certifications  CE, FC, RoHS  Country of origin  China	Face tracking	No
Focal length range 100mm to infinity Horizontal viewing angle 97° Automatic light correction Yes White balance Auto / Manual Built-in flash No Built-in microphone Yes Microphone direction type Omni-directional Audio format PCM, compatible UAC 1.0 Audio sampling rate 1 Channel 16bit 8K 32K 44.1K 48K LED indicator Power, in-use Privacy cover Yes, pop-up Mounting type Clip, stand Tripod included No USB powered Yes USB-A 2.0 Cable length 1.5m Housing material Plastic ABS Supported Windows OS Windows 7 and newer Supported Mac OS MacOS 10.6 and newer Dimensions W 120mm x L 50mm x H 120mm Weight 160g Certifications CE, FC, RoHS Country of origin China	3D	No
Automatic light correction  Auto / Manual  Built-in flash  No  Built-in microphone  Yes  Microphone direction type  Audio format  Audio sampling rate  LED indicator  Privacy cover  Mounting type  Clip, stand  Tripod included  USB powered  USB interface  USB-A 2.0  Cable length  Housing material  Supported Mindows OS  Dimensions  W 120mm x L 50mm x H 120mm  Weight  China  Ves  Auto / Manual  Yes  Omni-directional  Auto 1.0  Auto 1.0  Auto 1.0  Audio format  PCM, compatible UAC 1.0  Audio sampling rate  1 Channel 16bit 8K 32K 44.1K 48K  EED indicator  Power, in-use  Privacy cover  Yes, pop-up  Mounting type  Clip, stand  No  USB-A 2.0  Cable length  1.5m  Housing material  Plastic ABS  Supported Windows OS  Windows 7 and newer  Dimensions  W 120mm x L 50mm x H 120mm  Weight  160g  Certifications  CE, FC, RoHS  Country of origin  China	Zoom capability	No
Automatic light correction  White balance  Auto / Manual  Built-in flash  No  Built-in microphone  Yes  Microphone direction type  Audio format  Audio sampling rate  LED indicator  Privacy cover  Yes, pop-up  Mounting type  Clip, stand  Tripod included  No  USB powered  USB interface  Cable length  Housing material  Plastic ABS  Supported Windows OS  MacOS 10.6 and newer  Dimensions  Weight  China  China  No  China  Weight  China  Auto / Manual  Auto / Manual  Auto / Manual  No  Domain directional  No  China  Monal directional  Auto / Manual  No  Dimensions  Weight  China  Certifications  Certifications  Certifications  China	Focal length range	100mm to infinity
White balance Auto / Manual Built-in flash No Built-in microphone Yes Microphone direction type Omni-directional Audio format PCM, compatible UAC 1.0 Audio sampling rate 1 Channel 16bit 8K 32K 44.1K 48K LED indicator Power, in-use Privacy cover Yes, pop-up Mounting type Clip, stand Tripod included No USB powered Yes USB-A 2.0 Cable length 1.5m Housing material Plastic ABS Supported Windows OS Windows 7 and newer Supported Mac OS MacOS 10.6 and newer Dimensions W 120mm x L 50mm x H 120mm Weight 160g Certifications CE, FC, RoHS Country of origin China	Horizontal viewing angle	97°
Built-in flash No  Built-in microphone Yes  Microphone direction type Omni-directional  Audio format PCM, compatible UAC 1.0  Audio sampling rate 1 Channel 16bit 8K 32K 44.1K 48K  LED indicator Power, in-use  Privacy cover Yes, pop-up  Mounting type Clip, stand  Tripod included No  USB powered Yes  USB-A 2.0  Cable length 1.5m  Housing material Plastic ABS  Supported Windows OS Windows 7 and newer  Supported Mac OS MacOS 10.6 and newer  Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin China	Automatic light correction	Yes
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Microphone direction type  Audio format  PCM, compatible UAC 1.0  Audio sampling rate  1 Channel 16bit 8K 32K 44.1K 48K  LED indicator  Power, in-use  Privacy cover  Yes, pop-up  Mounting type  Clip, stand  Tripod included  No  USB powered  Yes  USB-A 2.0  Cable length  1.5m  Housing material  Plastic ABS  Supported Windows OS  Windows 7 and newer  Supported Mac OS  Dimensions  W 120mm x L 50mm x H 120mm  Weight  Certifications  CE, FC, RoHS  Country of origin  China	Built-in flash	No
Audio format PCM, compatible UAC 1.0  Audio sampling rate 1 Channel 16bit 8K 32K 44.1K 48K  LED indicator Power, in-use  Privacy cover Yes, pop-up  Mounting type Clip, stand  Tripod included No  USB powered Yes  USB-A 2.0  Cable length 1.5m  Housing material Plastic ABS  Supported Windows OS Windows 7 and newer  Supported Mac OS MacOS 10.6 and newer  Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin China	Built-in microphone	Yes
Audio sampling rate  1 Channel 16bit 8K 32K 44.1K 48K  LED indicator  Power, in-use  Privacy cover  Yes, pop-up  Mounting type  Clip, stand  Tripod included  No  USB powered  Yes  USB-A 2.0  Cable length  1.5m  Housing material  Plastic ABS  Supported Windows OS  Windows 7 and newer  Supported Mac OS  Dimensions  W 120mm x L 50mm x H 120mm  Weight  160g  Certifications  CE, FC, RoHS  Country of origin  China	Microphone direction type	Omni-directional
LED indicator Power, in-use  Privacy cover Yes, pop-up  Mounting type Clip, stand  Tripod included No  USB powered Yes  USB-A 2.0  Cable length 1.5m  Housing material Plastic ABS  Supported Windows OS Windows 7 and newer  Supported Mac OS MacOS 10.6 and newer  Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin China	Audio format	PCM, compatible UAC 1.0
Privacy cover  Yes, pop-up  Clip, stand  Tripod included  No  USB powered  Yes  USB-A 2.0  Cable length  1.5m  Housing material  Plastic ABS  Supported Windows OS  Windows 7 and newer  Supported Mac OS  MacOS 10.6 and newer  Dimensions  W 120mm x L 50mm x H 120mm  Weight  160g  Certifications  CE, FC, RoHS  Country of origin  Clip, stand  No  Ves  Lip, stand  No  Ves  Ves  USB-A 2.0  USB-A 2.0  USB-A 2.0  USB-A 2.0  USB-A 2.0  USB-A 2.0  Cable length  1.5m  Plastic ABS  Windows 7 and newer  Certifications  CE, FC, RoHS  Country of origin	Audio sampling rate	1 Channel 16bit 8K 32K 44.1K 48K
Mounting type Clip, stand  Tripod included No  USB powered Yes  USB-A 2.0  Cable length 1.5m  Housing material Plastic ABS  Supported Windows OS Windows 7 and newer  Supported Mac OS MacOS 10.6 and newer  Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin China	LED indicator	Power, in-use
Tripod included No USB powered Yes USB-A 2.0 Cable length 1.5m Housing material Plastic ABS Supported Windows OS Windows 7 and newer Supported Mac OS MacOS 10.6 and newer Dimensions W 120mm x L 50mm x H 120mm Weight 160g Certifications CE, FC, RoHS Country of origin China	Privacy cover	Yes, pop-up
USB powered  Ves  USB-A 2.0  Cable length  1.5m  Housing material  Plastic ABS  Supported Windows OS  Windows 7 and newer  Supported Mac OS  MacOS 10.6 and newer  Dimensions  W 120mm x L 50mm x H 120mm  Weight  160g  Certifications  CE, FC, RoHS  Country of origin	Mounting type	Clip, stand
USB-A 2.0  Cable length 1.5m  Housing material Plastic ABS  Supported Windows OS Windows 7 and newer  Supported Mac OS MacOS 10.6 and newer  Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin China	Tripod included	No
Cable length  1.5m  Housing material  Plastic ABS  Supported Windows OS  Windows 7 and newer  Supported Mac OS  MacOS 10.6 and newer  Dimensions  W 120mm x L 50mm x H 120mm  Weight  160g  Certifications  CE, FC, RoHS  Country of origin  China	USB powered	Yes
Housing material Plastic ABS  Supported Windows OS Windows 7 and newer  Supported Mac OS MacOS 10.6 and newer  Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin China	USB interface	USB-A 2.0
Supported Windows OS Windows 7 and newer  Supported Mac OS MacOS 10.6 and newer  Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin China	Cable length	1.5m
Supported Mac OS Mac OS 10.6 and newer  Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin China	Housing material	Plastic ABS
Dimensions W 120mm x L 50mm x H 120mm  Weight 160g  Certifications CE, FC, RoHS  Country of origin China	Supported Windows OS	Windows 7 and newer
Weight 160g  Certifications CE, FC, RoHS  Country of origin China	Supported Mac OS	MacOS 10.6 and newer
Certifications CE, FC, RoHS Country of origin China	Dimensions	W 120mm x L 50mm x H 120mm
Country of origin China	Weight	160g
	Certifications	CE, FC, RoHS
	Country of origin	China
		Yes



#### Part no. PX-CAM006

Upgrade your online meetings with the ProXtend X302 Full HD webcam featuring a 5MP lens with the ability to capture video at a maximum resolution of 1920 x 1080 at 30 frames per second.



#### What to look for in a

# Web camera

With globalization, and the rise in work and study from home programs, web cameras have become a necessity.

At first glance, a list of product specifications can seem overwhelming so to try to pick the best one, you may grasp for the web camera with the highest megapixel count. However, this is not always the best choice, so the question is - what really matters?



# **Image quality**

To achieve the best image quality, one cannot look to a single specification, but rather a combination of many.

The optical sensor plays a key role in how the image is captured. All modern web and smartphone cameras use a CMOS chip which captures images all at once instead of horizontally or vertically scanning images.

Megapixels determine the clarity of the image at a larger size. However, while a high megapixel count can ensure that the web camera can take good pictures, it does not guarantee good video capture. For the most optimal quality video capture, it is important to look at the megapixel count in relation to the video capture resolution and frame rate. A resolution of 1920 x 1080, or simply 1080p, is the most common minimum standard in modern web cameras. When it comes to frame rate, to achieve a smooth video, a minimum of 15fps (frames per second) is required. The higher the frame rate, the smoother the video capture will be.

### **Auto-focus**

Sitting perfectly still for the duration of a meeting is next to impossible, however moving can cause the web camera to lose focus of the subject which results in a blurry picture. Attempting to correct the focus multiple times during meetings can be distracting, therefore an important feature to look for in any webcam is auto-focus, or the web camera's ability to recognize when the subject is out of focus, and automatically adjust itself to bring the subject back into focus.

### **Microphone**

Although many people choose to use a headset equipped with a microphone, a built-in microphone is a standard feature for modern day web cameras. Microphones built into the web cameras may not be the most optimal choice, their quality has greatly improved over the last couple of years. Today, most mid, and high, range web cameras feature omni-directional microphones which allow sound to be recorded from every direction.

## **Privacy features**

Privacy is invaluable.

With more and more households owning a web camera, it has become important for the users to be able to tell when a web camera is powered, when it is active and capturing video, as well as to have the ability to cover the lens and preserve their privacy.

Therefore today, many web cameras come with LED indicators that light up when a web camera is receiving power. LED indicators for when a web camera is in-use and capturing video, as well as privacy covers for the lens, are another feature that has seen a rise in the past couple of years, but has not yet become a standard across all web cameras.

