ProXtend

X701 4K
Webcam

Megapixels	8
Optical sensor size	1/2.7"
Optical sensor type	CMOS
Maximum video resolution	3840 x 2160
Maximum frame rate	30fps
Resolution capture speed	3840 x 2160 @ 30fps
Full HD	Yes
Supported video formats	YUY2, MJPG
Auto focus	Yes
Focus adjustment	Auto
Motion sensor	No
Face tracking	No
3D	No
Zoom capability	No
Focal length range	100mm to infinity
Horizontal viewing angle	90°
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	In-use
Privacy cover	No
Mounting type	Clip, stand
Tripod included	No
USB powered	Yes
USB interface	USB-A 2.0
Cable length	2m
Housing material	Aluminum + plastic
Supported Windows OS	Windows 7 and newer
Supported Mac OS	Mac OS 10.6 and newer
Dimensions	W 120mm x L 70mm x H 170mm
Weight	270g
Certifications	CE, FC, RoHS
Country of origin	China
Plug & play	Yes

Part no. **PX-CAM003**

Upgrade your online meetings with the ProXtend X701 4K webcam featuring a 8MP lens with the ability to capture video at a maximum resolution of 3840 x 2160 at 30 frames per second.

7 YEAR WARRANTY

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.