



V 1.1 - 102024

PeopleLink Nova X10



PeopleLink Nova X10 Webcam is designed to create a life-like face-to-face experience with its 4K audio / visual delivery. A plug-and-play device that displays the sharpest possible image in 4K@30fps and has 110° FOV, Built-in Microphones, and a USB 3.0 Type C port. This powerful camera captures even the minute details with minimal bandwidth usage. Nova X10 Webcam also offers seamless connectivity with various instant messaging and video Conferencing solutions like PeopleLink inMeet and any other Software-based VC.

Key Features

- Ultra HD Super Wide Angle:** Equipped with a new generation of UHD CMOS image sensor, with more accurate native resolution, richer color information, four times the effect of high- definition images, and shoots full-detailed 4K video. Equipped with a 110° super- large viewing angle and low-distortion 4K lens for panoramic views.
- USB 3.0:** Full-featured USB 3.0 interface, which integrates power supply, video, and audio. It can also support 2 USB video signal sources (optional) and one audio source at the same time.
- Microphone Array Formed by Wave Velocity:** Built-in beamforming microphone array, unique noise suppression algorithm, and automatic gain algorithm, the pickup distance is up to 6m, so that your voice is perfectly presented.

General Specifications

Camera

Sensor : 1/2.7", CMOS

Effective Pixel: 8.29M

Scanning Mode : Progressive

Lens Mount : M12

Focal length : 2.2mm,

Horizontal FoV : 110°

DFOV : 120°

Zoom : 8 X Digital Zoom

Minimal Illumination : 0.05 Lux @ (F1.8, AGC ON)

Shutter : 1/30s ~ 1/10000s

White Balance : Auto, Indoor, Outdoor, One push, Manual

Camera bracket : Bracket with damper

Digital Noise Reduction : 2D, 3D digital noise reduction

Audio Pickup Range : 6 meters

Privacy Shelter : Support

USB Features

Operate System : Windows[®] 7 (1080p and under only), Windows 8.1, Windows 10 or higher macOS[™] 10.10 or higher, Google[™] Chromebook[™] Version 29.0.1547.70 or higher, Linux

System Requirement : 2.4 GHz Intel[®] Core 2 Duo processor or higher 2 GB RAM or more, USB 2.0 port (4K require USB 3.0)

Color System / Compression : H.264 / MJPEG / YUY2 / NV12

Video Format :

4k@30fps/25fps, 1080p@30fps/25fps, 720p@30fps/25fps,
960 x 540p@30fps/25fps, 640 x 360p@30fps/25fps

USB Video Communication Protocol : UVC 1.1

UVC ePTZ : Support

Input/Output Interface

USB Interface : 1 x USB 3.0: Type C

Infrared remote control : Support

Key Features

- **AI capability** : Multi-layer convolutional neural network design, cutting-edge deep learning algorithm so that the camera has intelligent characteristics, high-quality analysis data can be obtained through open API.
- **Auto Framing**: Using advanced deep learning algorithms, automatically adjusts the viewing angle of the screen according to the detection field of view, eliminating the need for manual adjustment of camera operations, and bringing you a brand-new intelligent experience.
- **AI Humanoid tracking**: Built-in NNE hardware unit using deep learning technology to extract target features. It can achieve smooth human figure tracking no matter where the person is facing, which is suitable for application scenarios such as speaker automatic tracking.
- **Convenient operation**: Operate with exquisite infrared remote control and exclusive software, one-key.

General specification

Input Voltage : 5V (USB power supply)

Current Consumption : 600mA (MAX)

Operating Temperature : 0°C ~ 40°C

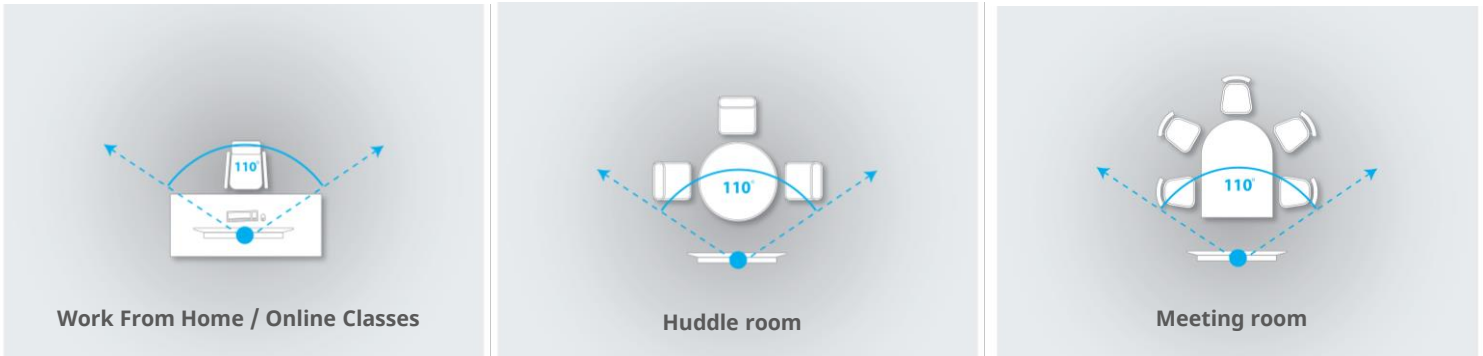
Storage Temperature : -40°C ~ 60°C

Power Consumption : 3.0W (MAX)

Dimensions : 118mm x 37.2mm x 30.8mm

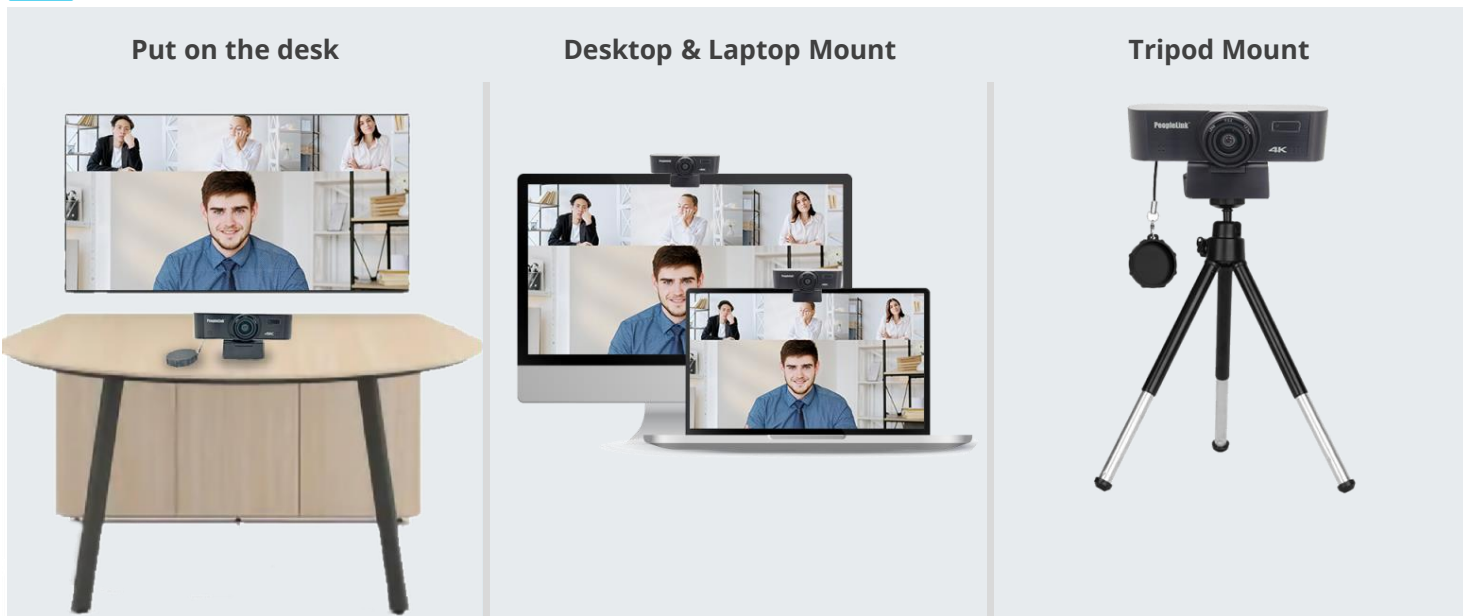
MTBF : 30000h

Application Scenarios



Disclaimer:- Room setup diagrams provided for reference only. Actual room setup and size may vary as per requirements.

Mounting Options



Ordering Information

Part code : PPU-PVC-WC-I9

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