



V 1.1 - 102024

## PeopleLink Fusion AIO16



Watch Video 

PeopleLink Fusion 16 Webcam is a high-definition 1080p Webcam designed to take your virtual video meetings, webinars, gaming and online collaborations to the next level. The all-in-one HD Webcam with Speaker and Microphone has 90° FOV, 4X Digital Zoom, Ultra fast auto focus, Privacy Cover and USB HD Computer Web Camera. Plug & Play to connect with Zoom / Skype / Teams for Conferencing and Video Calling, Gaming, Streaming, Online Classes and webinars.

- **Built-in Physical Privacy Masking** : Equipped with an integrated sliding privacy cover to protect the privacy.
- **Low illumination**: The new CMOS image sensor with ultra-high SNR can effectively reduce the image noise under low illumination. The application of 2D and 3D noise reduction algorithms greatly reduces the image noise even under the condition of ultra-low illumination, it keeps the picture clean and clear, and the SNR of image is as high as 55dB.
- **Easy Installation**: The standard damped rotary support compatible with almost 100% display devices on market, easy to install, stable and reliable.

## Key Features

- **Integrated Bionics Design to Simplify the Complex**: Integrated high-definition camera with high-sensitivity omni-directional microphone, full-frequency speaker three-in-one design, plug & play, reducing wiring and making video communication easy and simple. The unique bionic design allowing you to get excellent audio-visual effects in video communications.
- **1080P Full HD Ultra-wide-angle without Distortion**: Supports 1080P High Definition, Provides image Encoding Output up to 1080@30fps / 25fps and Downward Compatible with 720P and other resolutions. The wide and horizontal field of view up to 90°.
- **Full-frequency Speaker**: Speakers with Ducted sound Cavity, The Treble is Clear and Penetrating and The Bass is Naturally Surging to Providing an Extraordinary Sound Effect.
- **Audio 3A Algorithm**: The built-in audio3 A Algorithm (AEC/ AGC/ ANS) and full-duplex mode adjusts the high and low volume of the balance and suppress the noise automatically while in voice collection to meet your needs for loud and clear communication.
- **TOF High-speed Focusing**: The laser-assisted focusing instrument with advanced auto focusing algorithm to realize high-speed and accurate auto-focusing.
- **Landscape and Portrait Mode**: Supports one-key landscape and portrait switching output to meet the needs of various landscape and portrait live scenes.
- **e-PTZ**: No mechanical rotating device needed for more accurate rotation accuracy, no noise, more reliable and durable, support 4x digital zoom.

## General Specifications

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### Camera

**Sensor** : 1/2.8 inch, CMOS, Effective Pixel : 2.07M ;

**Scanning Mode** : Progressive

**Type of Lens Mount** : M12

**Focal length** : 2.8mm

**Horizontal FOV**: 90°

**AF** : Support TOF

**Minimum Illumination** : 0.5 Lux @ (F2.0, AGC ON)

**Shutter Speed** : 1/30s ~ 1/10000s

**White Balance** : Auto, Manual, VAR

**Camera Stand** : Standard Damped Rotary Support

**Physical Privacy Security** : Support

**Digital Noise Reduction** : 2D & 3D Digital Noise Reduction

**Backlight Compensation** : Support

**Digital Zoom** : 4X

### Audio Features

**Audio 3A Algorithm** : Support AEC / AGC / ANS

**Speaker** : 82 dB SPL at 0.5 m

**Microphone** : Omni-directional Microphone,

**Sensitivity**: -30±2dB

### I/O Interface

**USB Interface** : 1 x USB 2.0: Type-A

### USB Features

#### Operate System :

Windows® 7 (only 1080P and below supported),  
Windows 8.1, Windows 10 or Higher, MacOS™ 10.10  
or higher, Google™ Chromebook™ Version  
29.0.1547.70 or Higher, Linux (support UVC)

#### Hardware Requirements :

2.4 GHz Intel® Core 2 Duo CPU or higher, 2 GB RAM  
or more  
USB 2.0 interface

#### Color System / Compression :

YUY2 / H.264 / MJPEG

#### Video Resolution :

1080P@30fps / 25fps, 720P@30fps / 25fps,  
960 x 540P@30fps / 25fps,  
640 x 360P@30fps / 25fps

#### USB VC Protocol : UVC 1.1

**UAC** : Support

**UVC PTZ Control** : Support (EPTZ)

### General Specifications

**Input Voltage** : 5V (USB Power Supply)

**Input Current** : 0.5A

**Operating Temperature** : 0° C ~ 40° C

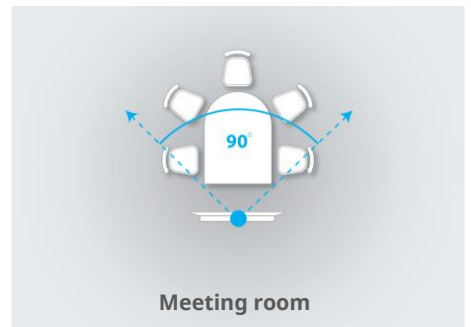
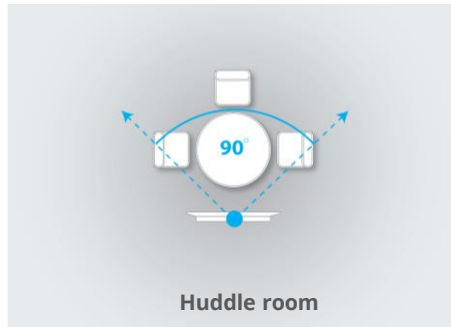
**Storage Temperature** : -40° C ~ 60° C

**Power Consumption** : 2.5W (Max.)

**Dimensions** : 121mm x 32mm x 31mm (Bracket not included)

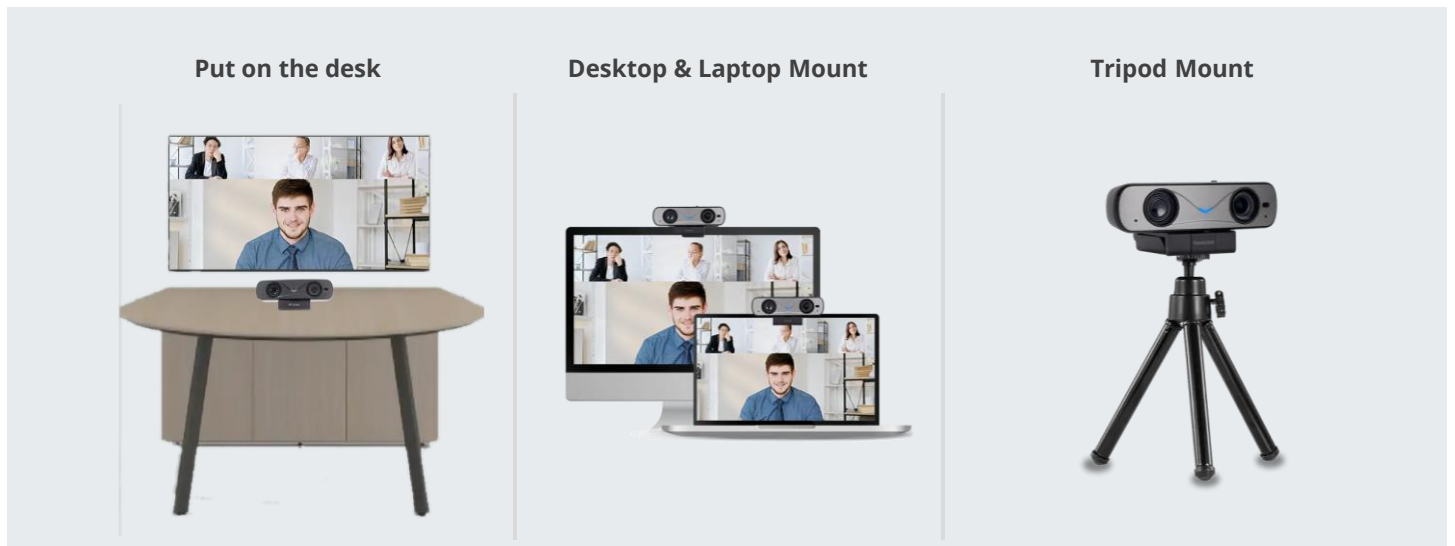
**Net Weight** : 139g

## 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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For more information on Fusion 16 [Click Here](#)

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