



Quick Start Guide

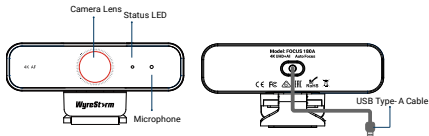


FOCUS 180A

4K UHD + AI Camera, Auto Focus



WyreStorm – Powerful. Reliable. Simple.



Introduction

This product is a 4K Ultra HD USB camera with auto focus and AI tracking. It features a wide angle of 95° with access to multiple diagonal-field-of-view presets, and is powered by AI with auto framing or presenter tracking to perfectly frame the video. It supports high-quality video up to 4K 30fps, auto color-correction and white balance, performing well in low-lightening environment or sunlight. Its built-in auto noise reducing microphone can pick up clear sound within the distance of 3m.

It is easy to install. It is fully compatible with most operating systems, such as Windows 7/8/10/11, Mac OS, Linux, Chrome OS, and also works with popular calling and streaming platforms including OBS (Open Broadcasting Software) and XSplit Broadcaster for abundant application scenarios.

Key Features

- Supports 4K Ultra HD up to 4K@30fps encoding output, and downward compatible with 1080p@60fps and 720p@60fps.
- Supports auto focus.
- Supports MJPEG/YUY2/NV12/H.265/H.264 video codecs.
- Full functional USB 2.0 connection, power supply, video and audio all in one via USB 2.0 cable.
- Auto Framing/Presenter Tracking based on AI technology makes meetings more intimate and friendly.
- Default 95° field of view with flexible FOV presets adjustment.
- Supports ePTZ with a maximum of 5x digital Zoom.
- Fully supports UC and web conferencing platform, like Skype business, Zoom, Teams, WebEx, etc.
- Equips multiple-purpose mounting clip for easy installation on the top of a laptop, a display or a universal tripod.

Note:

We strongly recommend to download WyreStorm FOCUS App and latest firmware by <https://www.wyrestorm.com/product-resources/> to make full use of FOCUS180A AI features.

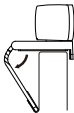
In the Box

- 1 x FOCUS 180A Camera
- 1 x Quick Start Guide
- 1 x Privacy Cover
- 1 x Screw Driver

Setting Up the Webcam

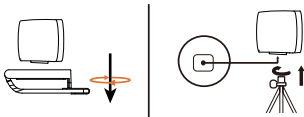
FOR PLACEMENT ON A MONITOR

1. Place your webcam on a computer, laptop or monitor at a position or angle you desire.
2. Adjust the webcam to make sure the foot on the universal mounting clip is flush with the back of your device.
3. Manually adjust the webcam up or down to the best position to frame yourself.



FOR PLACEMENT ON A TRIPOD

1. Remove the mounting clip from the bottom of the webcam using the screwdriver provided.
2. Locate the 1/4 tripod thread on the bottom of the webcam. Secure the webcam on your tripod by twisting it into the 1/4 thread.
3. Place your webcam with the tripod anywhere you desire to the best position to frame yourself.

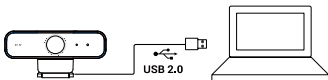


Note:

- The tripod is not included in the package.

CONNECTING THE WEBCAM

Connect the USB-A cable of the camera to the USB-A port on your computer.



Note: After the Camera is connected to a computer, its camera and microphone can be detected by the system and specific application in the name of the following:

- **Camera Name:** FOCUS 180A
- **Microphone Name:** FOCUS 180A

Specifications

Camera	
Sensor	1/2.7", CMOS, Effective Pixel: 8.0M
Focus Distance	5cm~300cm
Viewing Angle (DFOV)	95°
ePTZ	Supported 5 x Digital Zoom
Shutter	1/30s ~ 1/10000s
Optical Distortion	≤ 4%
White Balance	Auto
Backlight Compensation	Auto
Digital Noise Reduction	2D, 3D digital noise reduction
Tracking Mode	Auto Framing / Presenter Tracking / Off

USB Features

Operation System	Windows 7/8.1/10/11, MacOS™ 10.10 or higher, Google™ Chromebook™ Version 29.0.1547.70 or higher, Linux
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USB Features	
Color System/ Compression	MJPEG/YUY2/NV12/H.265/H.264
Resolution and Frame Rate	4K, 1080P, 720P, 640x480P, 640x360P, 320x240P
USB Communication Protocol	UVC 1.1
USB Cable Length	1.5m/5ft

Input/Output Interface	
USB Interface	USB 2.0 Type-A
Microphone	1 x Mic In, pick up distance: 3m

Physical Parameter	
Operating Temperature	0°C ~ 40°C (32°F to 104°F)
Storage Temperature	-20°C ~ 60°C (-4°F to 140°F)
MTBF	> 30000h
Power Supply	5V 0.5A (USB power supply)
Power Consumption	2.5W (Max)
Dimensions	102mm x 50.8mm x 65.3mm / 4.02" x 2" x 2.57"
Net Weight	0.14 kg/0.31lb

Warranty Information

WyreStorm Technologies LLC warrants that its products to be free from defects in material and workmanship under normal use for a period of one (1) year from the date of purchase. Refer to the Product Warranty page on wyrestorm.com for more details on our limited product warranty.