Neets 4K
Webcam
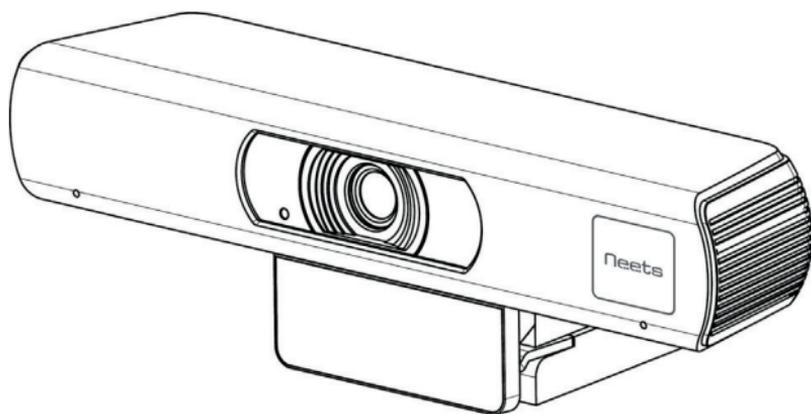

Neets

User Manual
English - Version 1.1

1 Note

- **Electric Safety**
  Installation and operation must be performed in accordance with electric safety standards.
- **Use Caution to Transport**
  Avoid stress, vibration or soakage during transport, storage and installation.
- **Careful Installation**
  The product should be placed on a smooth surface. The product's shell should be prohibited from contact with any liquid, gas or solid material that may cause corrosion to the shell.
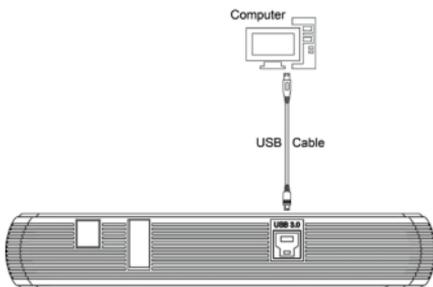
2 Supplied Accessories

When you unpack, check that all the supplied accessories are included:

Name	Quantity
Camera	1
USB Cable	1
User Manual	1

3 Quick Start

Please check that connections are corrects before starting.

4 About the Product

4.1 Features

- **4K Ultra High Definition**
  Supports 4K ultra high definition, 4K@30fps/25fps image output, while backwards compatible with 1080p, 720p and other resolutions.
- **USB 3.0**
  Fully featured USB 3.0 interface, power supply, video, audio in one cable.
- **Wide Angle without Distortion Lens**
  Wide angle field-of-view of 120 degrees.
- **Wide Dynamic Range (WDR)**
  It supports WDR, easy to cope with different lighting environments.
- **Built-in Microphone**
  With the built-in microphone array, you can pick up a full range of sounds. The unique noise suppression algorithm enhances voice playback quality.
- **Low lighting conditions**
  The application of 2D and 3D noise reduction algorithm greatly reduces the image noise. Even under the condition of ultra-low lighting conditions, it still keeps the picture clean and clear, and the SNR of image is as high as 55dB.
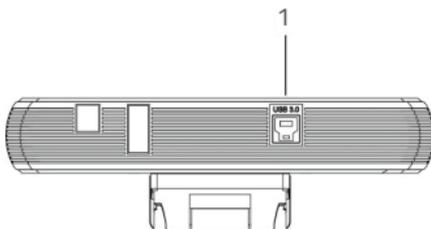- **Easy Installation**
  Standard damping rotary shaft support, easy installation, stable and reliable.

4.2 Product Specifications

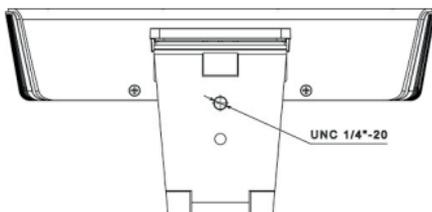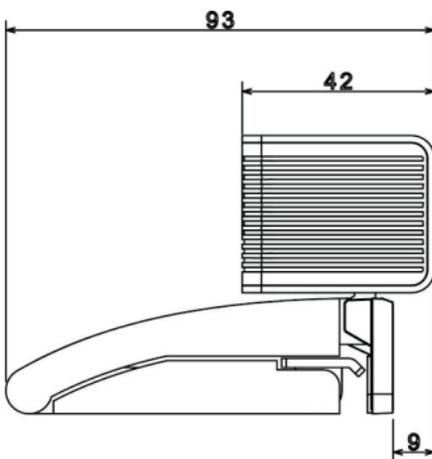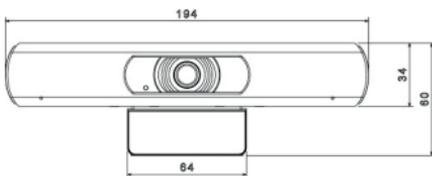| Name	Neets 4K Webcam
Camera	
Sensor	1/2.5 CMOS, Effective Pixel: 8.0M
Scanning Mode	Progressive
Lens Mount	M12
Lens	Lens Focus: f=2.8mm Wide Angle: 120°
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor
Digital Noise Reduction	2D, 3D digital noise reduction
Backlight Compensation	Support
USB Features	
Operating System	Windows XP / 2003 / VISTA/7/8/10, Linux, Mac OS
Color / Compression	YUY2/MJPEG/H.264/ NV12
Resolution	Up to 4K UHD 3840x2160@30fps
USB Protocol	UVC 1.0 ~ UVC 1.5
UVC PTZ	Support (EPTZ)
Input/Output Interface	
USB Interface	1 x USB 3.0: Type B, female

4.3 Interface

Physical Parameter	
Input Voltage	5V (USB Power Supply)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	3W
Size	194 x 34 x 42mm (without bracket)
Net Weight	0.34 Kg
MTBF	30000h

Item	Name
1	USB 3.0 Interface

4.4 Dimensions

Dimensions in mm.

194

34

60

64

93

42

9

UNC 1/4"-20

5 Maintenance

Camera Maintenance

Use soft cloth or tissue to clean the camera cover.

- Please use a soft, dry cloth to clean the lens. If the camera is very dirty, clean it with diluted neutral detergent. Do not use any type of solvents which may damage the surface.

Unqualified Application

- No shooting extreme bright objects for a long period of time, such as sunlight, light sources, etc.
- No operating in unstable lighting conditions, otherwise image will be flickering.
- No operating close to powerful electromagnetic radiation, such as radio transmitters, etc.

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