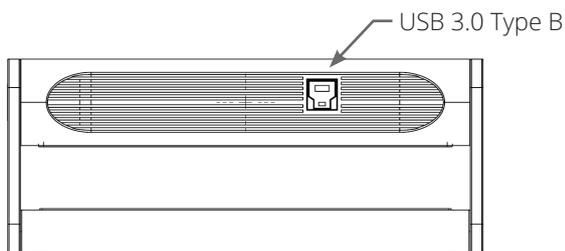
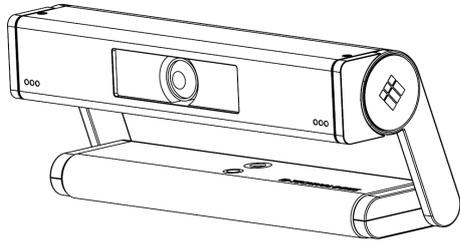


i3CAMERA PRO

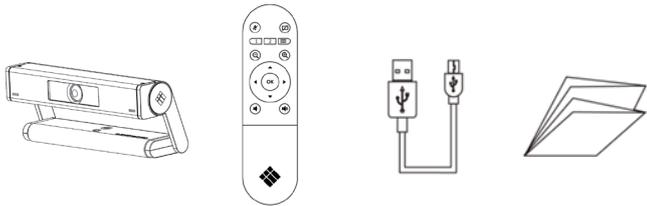
User Manual



1 Product Appearance

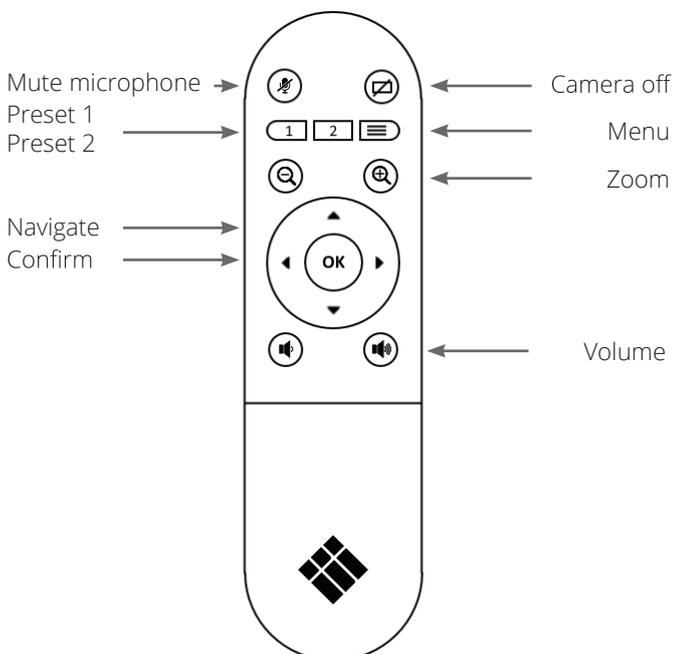


2 Packing List



Camera x 1 Remote Control x 1 USB Cable x 1 User Manual x 1

3 Remote Control



4 Product Features

4K Ultra High Definition

The camera supports 4K Ultra High Definition video output, at a maximum of 30 frames per second. Other available resolutions include 1080p (default), 720p, and other resolutions.

USB 3.0 UC Protocol Specification

Fully featured USB 3.0 interface, power supply, video and audio connection in one. It also supports two channels of video signal, and one channel of audio source.

Wide Dynamic Range

The camera features WDR, which allows it to cope with different lighting environments. Even in harsh lighting conditions, the camera will be able to capture "the real you".

Long Range Built-in Microphone

With the built-in microphone array, the camera will pick up the sound clearly from a distance up to 6 meters. A unique suppression algorithm makes your voice perfect.

Low-Light

The application of 2D and 3D noise reduction algorithm provides clean and clear picture quality even under ultra-low lighting conditions, and the SNR of image is as high as 55dB.

5 Safety Precautions

During Installation

This product should be placed on a smooth surface (e.g. table, desk, top of display, etc) where the camera can remain stable.

During Cleaning

The shell of this product is an organic material and should not come into contact with any gas or liquid that may cause corrosion to the material.

Do not Disassemble

This product does not have parts that are repairable or replaceable by the user. Damage caused by the user's own disassembly will void the warranty.

During Operation

Foreign electromagnetic fields at certain frequencies may distort or otherwise affect the video image of the camera.

6 Product Specifications

Camera	
Sensor	1/2.5", CMOS, Effective Pixel: 8.0M
Scanning Mode	Progressive
Lens Mount	M12
Lens Focus	2.8mm
Wide Angle	120°
Distortion	0.46%
Auto Focus	Supported
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter Speed	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Digital Noise Reduction	2D, 3D digital noise reduction
Backlight Compensation	Supported

USB Features	
Operating System	Windows, Linux, Mac OS
Video Compression	YUY2/MJPEG/H.264/NV12
Resolutions	- YUY2 : 640x480 (default), 640x360 - MJPEG : 3840x2160 (default), 160x120, 176x144, 320x240, 352x288, 640x480, 720x576, 1600x896, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x448, 640x360, 480x272, 424x240, 320x180, 1920x1080 - H.264 : 1920x1080 (default), 320x240, 352x288, 640x480, 720x576, 1600x896, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x448, 640x360, 480x270, 424x240, 320x180, 3840x2160 - NV12 : 1920x1080 (default), 640x480, 1280x720, 640x360
USB Protocol	UVC 1.1
UVC PTZ	Supported (EPTZ)

Input/Output Interface	
USB	1 x USB 3.0: Type B, female

Physical Properties	
Input Voltage	5V (USB power supply)
Current Consumption	0.6A (Max)
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	3 Watt
Size	186mm x 47mm x 34mm (without bracket)
MTBF	> 30.000 h

7 Maintenance and Troubleshooting

Camera Maintenance

- Use a soft cloth or cotton paper to remove dust from the camera housing.
- When cleaning the camera lens, please use a dry soft cloth to wipe. If the lens is seriously dirty, gently use a soft neutral cleaner product that is not a corrosive detergent.

Avoid

- Filming particularly bright light sources (e.g. sun, lights, ...)
- Strong dynamic lighting conditions. The camera will have a lot of work to keep adjusting the automatic compensation.
- Using the camera near high power radio waves.

Troubleshooting

The conferencing software does not use the i3CAMERA's camera, or microphone.

- Verify that the USB cable is properly connected to the PC.
- Upon first connection, the PC's operating system may install missing HID drivers. Please wait until finished.
- Verify that the PC's operating system has properly detected and activated the camera in the device manager.
- Look for any camera settings in your conferencing software. A laptop may initially prefer to use an integrated webcam. Most software should have settings to select the camera input source.
- Verify that the camera's video output is not disabled, and that the microphones are not muted. (see remote control).

8 Type Approval and Compliance

EU Declaration of Conformity

Hereby we,
Manufacturer: i3-TECHNOLOGIES N.V.
Address: Nijverheidslaan 60, 8540, Deerlijk, BELGIUM

Declare that this Declaration of Conformity is issued under our sole responsibility, and that this product:

Trademark: i3
Type designation: i3CAMERA PRO P1201
Type description: USB Webcam

Complies with the relevant Union harmonized legislations:

2014/30/EU: EMC – Electromagnetic Compatibility Directive
2014/35/EU: LVD – Low Voltage Directive
2011/65/EU: RoHS – Restriction of Hazardous Substances

FCC Verification of Conformity

Hereby we,
Manufacturer: i3-TECHNOLOGIES N.V.
Address: Nijverheidslaan 60, 8540, Deerlijk, BELGIUM

Declare that this Verification of Conformity is issued under our sole responsibility, and that this product:

Trademark: i3
Type designation: i3CAMERA PRO P1201
Type description: USB Webcam

Has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

