❋ **INNOTRIK** ®

# INNOTRIK™ I-85

# Video Soundbar

INNOTRIK I-85 is a video conference device integrated with 4 array microphones and HD wide-angle cameras. It supports HD audio and video calls and it is easy to deploy and operate, which is suitable for daily meetings, remote education, remote training and other application scenarios.

**HD voice with AUCTOPUS® Audio processing technology**

1）Array microphone algorithm can sample and process the spatial characteristics of the sound field. It can remove the ambient background sound to the maximum extent, leaving only the required sound waves.

2）180 ° intelligent sound pickup with 5 meters range, no apparent volume and sound quality decline in 3m.

3）48KHz uplink and 48KHz downlink audio sampling rate;

4）Perfect　full-duplex so that two-way communication will no longer stuck

5）Clearer voice with intelligent dynamic noise reduction

6）the maximum instantaneous value of the speaker can be up to 92dB(0.5m), enabling the sound to be heard more clearly.

**HD conference video, more clear and more real**

The 1080P camera provides users with high quality online video meetings, high-definition real-time synchronization, and clear and smooth video images. In addition, I-85 is compatible with various common video conference software , such as Skype, Zoom, Wechat, etc.

**Efficient deployment, easy to hold meetings**

I-85 is based on Type C connection and you can start a meeting without complex wiring and configuration, just plug and play.

**Features:**

➢ **Array microphone algorithm**
Perfect control of environmental noise

➢ **HD conference voice**
High fidelity and high reduction voice; clearer and purer, like taking a face-to-face meeting

➢ **Perfect　full-duplex**
More natural and smooth in two-way communication

➢ **New AUCTOPUS® audio processing algorithm**
180 ° high coverage, long pickup
Upgrade full duplex technology
The 384ms echo cancellation
Dynamic noise reduction

➢ **1080P HD camera**
120 degree shooting wide-angle, clear and fluid picture

➢ **Mechanical adjustable lens**
The lens can be adjusted up and down with small range

➢ **Portable MIC and speaker**
No driver required, just plug and play; more suitable for various conference scenes

## Specification

**Architecture**

• video parts: including lens, image sensor, digital signal processing chip, USB interface controller.

• Omnidirectional microphone parts: including broadband speakers, digital microphone, echo and noise suppression processing unit, audio signal processing and control unit, USB interface control unit

• USB Type C

• Power adapter

**Color**

·Black

**Microphone**

• Omni microphones*4

·Frequency response: 100Hz-24000Hz

· Sensitivity: -22dB@1kHz(0dB=1V/Pa)

**Speaker**

• 3.94 inch anti-magnetic horn

• 4Ω5W

• 100-24000Hz

**Interface**

· USB Type C

· DC Power interface

**Power**

· DC 12V/2A

@ 100~240VAC,50/60Hz

**Lens**

· 1/2.8'', fixed focus, 120 degree Angle

**Image sense**

· Full HD CMOS sensor

**Audio**

·384ms echo cancellation

·Dynamic noise reduction

·Full duplex

·180 degree pick-up range

·DSP audio processing

**Image transfer rate**

• MJPG@30FPS

• YUV@5FPS

**F-number**

·F2.0

**Object distance**

·30CM～300CM

**Function**

• support real-time communication audio for computer software

• HD video calls

• indicator light

**Computer system**

·Windows 8 / Windows 7 / Windows 10/Windows XP,etc

·MAC 10.7 and above

**LED indicator**

Blue/white：working status

red：microphone and speaker are both mute

**Recommended conditions**

·temperature：5°~40°

·humidity：20~85% condensation free

·noise level：<48db

·storage temperature：-10°~40°

·Reverberation time:<0.5 seconds

**Product execution standard**

·YD/T 993-1998

·GB/T 9254-2008

·GB 4843.1-2011

## About INNOTRIK

INNOTRIK is a Chinese well-known provider of conference telephone product solutions. Cooperating with echo canceling algorithm development team in Canada, USA and other countries, we had already obtained the major technological breakthrough and provided conference telephone products and solutions for many countries and regions around the world, enabling the high quality conference experience. "INNOTRIK" was established in 2008 as "INNOTRIK technical research and development group". In 2010, the core algorithm was successfully developed and officially registered in Shenzhen, China, as "Shenzhen Innotrik technology co., LTD."

More information, please visit our web: *www.innotrik.com*

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