IPIDIO
Communications Solutions

ULTRA 1060 Series

High Definition Quality with Flexibility and Reliability

Telepresence solutions for organizations that want to bring together dispersed team members for enhanced collaboration

Ultra1060 is a new generation of integrated HD audiovisual communication terminal,providing rich interfaces, built-in high-performance digital signal processing chip.It also supports dual 1080P60 HD video and AAC-LD broadband voice encoding and decoding.With ultimate conferencing and collaboration experience offered, it is an ideal choice for video conferencing, command control, online education, tele-medicine and other professional applications.

SIP   HDMI   Full HD 1080

License upgrade to 6 point MCU

ProductFeatures ：

Strong Compatibility
a. Support H.323 / SIP dual-protocol　ack, which make it achieve good interoperability with the indu　ry standard terminals, MCU, GK, etc. It is convenient for cu　omers' expansion and upgrading.
b. The rich interface configuration make it fit for different application environment and compatible with main　ream audio/video input/output devices. It als o can achieve rapid deployment, reducing the times to modify wiring.

Superior performance to enhance the best user experience
a. Built-in high-performance digital signal processing chip,support dual 1080p60 from both mainstream and auxiliary stream encoding simultaneously(optional), providing single-display, dual display and rich video window layout to enhance the user experience.
b. Audio supports AAC-LD broadband codec, and use optimal algorithm to achieve echo cancellation, noise suppression and automatic gain control, thus to ensure high-fidelity, low-latency audio transmission.
c. Qos settings and unique media error correction(MEC) technology can guarantee smooth audio and video effects under high bit error rate condition (priority to ensure audio quality under network degradation condition)

User-friendly design for operation and maintenance
a. Ultra1060 adopts high integrated structural design(integrated camera), to present a simple and fashionable appearance, and provide matched brackets to achieve wall mount and upside down installation
b. Built-in gravity sensor, making the image flip automatically under upside down mount mode.
c. Flat UI　yle design, to make it easier for user to operate.
d. Remote controller integrated part of function buttons, making it convenient and practical to achieve common function with only one click.
e. U disk, web pages and other upgrades ways will help post-maintenance and sy　em upgrades.
f. Optional high quality 360 degree omnidirectional digital microphone array; simple wiring is helpful to quick in　allation.

Multiple security mechanism ensures the security of content transmission.
a. The system applies AES media encryption technology.
b. User certificates, password protection, HTTPS security links and other encryption measures ensures safe operation of the system.
c. Supports H.460, NAT, and configurable port ranges for firewall traversal

Video Standards and Protocols

H.261, H.263, H.264, H.264HP

SIP, H.323 (Including H.221,H.225, H.235 H.245, H.281,T.140,DTMF etc.)

Built-in MCU

Support 6 point built-in MCU with license

Camera Features

Optical Zoom:12X

Tilt:-30° ～ +30°

Pan:-170 ～ +170°

Video Signal Format:1080p50/60,720p50/60

Auto Focus/Auto White Balance/Auto BLC

Support PTZ control

Camera Control

Support FECC remote control protocol

Mainstream video Input interface & resolution

one channel integrated camera (built-in) video input

Video formats supported by

1920x1080@60Hz（1080p60）

1920x1080@50Hz（1080p50）

Auxiliary ream video Input interface & resolution

one channel DVI-I video input

Video formats supported by

1920x1080（1080P）,1280x720（720P）

1600x1200（UXGA）,1680x1050（WSXGA+）

1400x1050（SXGA+）,1366x768（WXGA+）

1280x1024（SXGA）,1024x768（XGA）

800x600 （SVGA）

Video Output (two channels)

Main camera video output interface: HDMI

Auxiliary video output interface: HDMI

Video formats supported: 1920x1080(1080P), 1280x720(720P)

Dual stream supported

H.239 （H.323 ）

BFCP（SIP）dual video ream

Audio Encoding

G.711A,G.711U,G.722,G.722.1C
G.728,G.729A,AAC-LD

Audio Input (four channels)

1xXLR

1xRCA

1x Microphone array

1x HDMI audio(audio from auxiliary ream)

Audio Output (two channels)

1xRCA

1xHDMI audio

Microphone array

Support 48KHz sampling

6m audio pickup di ance，

360°omnidirectional microphone

Audio processing technology

Echo cancellation, noise suppression and automatic gain control

USB Interface

USB2.0 (for FM up grading and maintenance)

LAN Interface

10/100/1000MLAN

Wirelessinterface

5GWi-Fi (optional),4GLTE (optional)

LAN Protocol

IPv4I,Pv6,DHCP,NAT,QOS,NTP,SNMP,

Bandwidth requirement

64 kbit/s - 6 Mbit/s

Security

AES

HTTPS

Certificate

Management interface password protection

TV configuration interface password protection

Control ways

Remote control + TV interface

Webpage management

Supply Adapter

AC110 - 240V

50Hz-60Hz to DC12V Supply Adapter

Consumpyion

＜60W

Dimension

270mm(L)*184mm(W)*187mm(H)

Weight

1.94 Kg

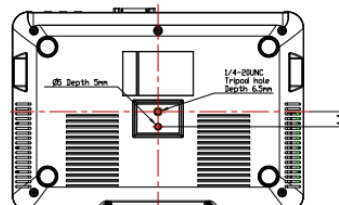## Working Temperature

0-40 ℃

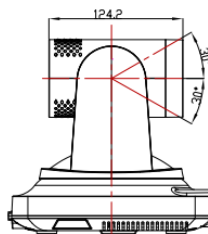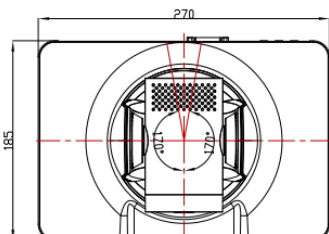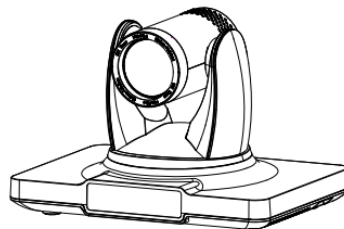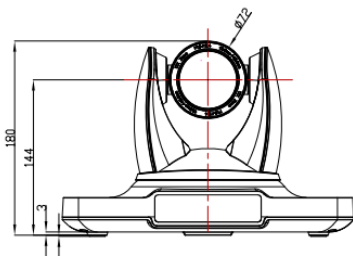## Working Humidity

10%-80%

Store Temperature

-40-70 ℃

Store Humidity

0%-95%

Dimension

Distributor/Dealer: