# Desktop Video Conferencing Endpoint

## Desktop Smart Video IP Phone
### DT100 / DT101

Five in One | 10.1-inch touch Screen | 1080P Camera | Open API | Circumscribed HDMI

Integrated with 10.1 inch touch panel, IP hone and high definition camera, support Wi-fi and multiple interfaces, can work with various display to provide a interactive experience for end users.



# Product Specification

## Hardware Platform

| Operating System | Android 9.0 |
|---|---|
| CPU | 4-core A73+2-core A53 |
| NPU | 5 TOPS |
| Memory | 4G RAM+16GB ROM |
| Wi-Fi Standard | IEEE802.11a/b/g/n/ac,WPA,WPA2 |
| Bluetooth | 5.0 |

## Standard & Protocol（Only DT101 supports）

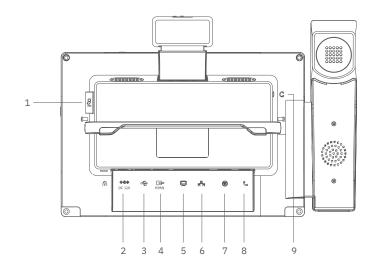| Multimedia Framework Protocol | ITU-T H.323, IETF SIP |
|---|---|
| Video Codec | Encoder:H.264/H.265<br>2 × 1080P@30fps<br>Decoder:<br>VP9 Profile-2 up to 4K × 2K@60fps<br>H.265 HEVC MP-10@L5.1 up to 4K × 2K@60fps<br>AVS2-P2 Profile up to 4K × 2K@60fps<br>H.264 AVC HP@L5.1 up to 4K × 2K@30fps<br>H.264 MVC up to 1080P@60fps |
| Audio Codec | AAC-LD、Opus、G.722.1、G.722.1c、G.722、G.711a、G.711u、G.726、G.729 |
| Dual Stream Protocol | ITU-T H.239, IETF BFCP |

## Video Features

| Touch Screen | 10.1-inch IPS touch screen supporting 10-point touch control<br>Resolution: 1280x800<br>Visual angle: 170 degrees |
|---|---|
| 1080PUSB Camera | Sensor: 1/2.8 inches CMOS, Effective Pixel: 207MP<br>Scanning Mode:Progressive<br>Focal length: f=2.8mm, Horizontal FOV: 90°<br>Minimum Illumination: 0.5Lux@(F1.8,AGCON)<br>Shutter: 1/30s~1/10000s<br>UVC1.1 |

## Audio Features

| Audio Features | •Automatic echo cancellation (AEC)<br>•Automatic gain control (AGC)<br>•Automatic noise suppression (ANS)<br>•Lip-sync supported |
|---|---|

## I/O

| USB Interface | 2 × USB2.0 Type-C(host) |
|---|---|
| HDMI Interface | 1 × HDMI IN; 1 × HDMI OUT |
| Network | 2 × RJ45: 10/100/1000 Base-T<br>1 × WiFi |
| Interface Handset | 1 × RJ9 |
| Interface | 1 × RJ11 |
| Phone Interface | 1 × DC12V |
| Power Interface | |

## Generic Spec

| Dimension | 295mm (W) × 195mm (D) × 63mm (H) |
|---|---|
| Speaker | 1 × 3W |
| Microphone | 2 × mic Pickup 6M |
| Environmental Requirements | •Operating Temperature: 0° C to 40ºC<br>•Operating Humidity: 10% to 80%<br>•Non-Operating Temperature: -40º to -70ºC<br>•Non-Operating Humidity (noncondensing): 0% to 95%<br>•Ambient Noise: ＜ 46dBA SPL |
| Certification and Standards | CCC RoHS |

# Features

### ▼ 1080P High-definition Camera
Equipped with a 90 ° wide angle 1080P camera as standard, the phone is a visual terminal and can be accessed at any time.

### ▼ External Various Display Screens
It can be connected to a PC through an HDMI input interface, or to various display devices such as monitors, commercial display screens, and spliced screens through an HDMI output interface, displaying local images or local/ remote demonstration images on the same screen.

### ▼ Multiple Conference Modes
Simple Meeting: Instant Meeting, Appointment Meeting, Meeting Schedule, Enterprise Address Book, Meeting Invitation;
Multiple conference modes: speaker mode, rotation mode, voice stimulation mode, fixed multi screen mode, etc;

### ▼ 10.1-inch Large Screen
The 10.1-inch IPS high-definition touch screen is as convenient as operating a phone.

### ▼ Android 9.0
The Android 9.0 system can install third-party conference control applications such as Zoom controllers to control conference or video conference terminals.

### ▼ Standard Protocol, Integration and Interoperability (Supported by DT101)
Supports standard SIP and H.323 protocols, and is compatible with mainstream industry standard terminals and network side devices.

### ▼ Supports Multiple USB Cameras
The flexible camera configuration is the biggest difference from similar products. Although equipped with a 1080P full HD camera as standard, it cannot meet the diverse needs of users in conference scenarios. Therefore, it has two USB ports to connect the two cameras and can be seamlessly switched and used at any time during meetings.

# Interface Diagram



1 —— HDMI IN
2 —— Power
3 —— Type-C
4 —— HDMI OUT
5 —— RJ45
6 —— RJ45
7 —— RJ11
8 —— RJ9
9 —— 3.5mm