All-in-One Camera Terminal VV-VCT1000E

Overview

VV-VCT1000E is an All-in-One Video Terminal with 1080P Super HD camera Built-in. With MCU, Codec, Camera integrated together, avoid the complex deploying and wiring effort, Modular design can improve the meeting experience. As for end user, only need an Power cable, Cyber cable, HDMI cable, and Audio Cable then can have the meeting at once, specially suitable for medium or small size meeting room.

Main Functions

- **Built-in 1080P Super HD Camera**

  Full HD 1080P: with built in 1080P camera and can reach 1080P30, at the same time, with one 1080P30 video in and one HD Video out supported also.

- **Precise Location, Fluently & Smoothly PTZ Control**

  Adopt Quiet Motor, Servo Algorithm for PTZ Control, Precise location (±0.01°), makes large scare video taking possible.

- **Multifunctional IR Remote**

  With the IR Remote, Except for the common setting and PTZ control, the whole system can be controlled also.

- **H.264 Hard-coding Supported**

  Support H.264, VP8 and MVC image enhancement

- **Super Power Video Display**

  With ARM Quad-Core Processer + Super Power GPU, makes real-time video meeting possible, by just connect the camera to the Display and Omni-directional Conference Station.

- **All-in-One Integrated Design:**

  All-in-One design with Pan-Tilt, Camera and Terminal together; Support Bluetooth and Wifi; Support USB Connection Microphone; Support One HDMI HD video Input; Support One HDMI Video OUT

- **Android 5.1**

  Based on Android5.1 and with 3rd party Apps and Self-development Apps.

- **Open Source Hardware and SDK**

  With Open Source Hardware and SDK, allow for secondary developing and customized requirement.

Suitable Environment

Medium and small size meeting room.

Back Interface

Key points VV-VCT1000E:

Model No.	VV-VCT1000E
Built-in Camera Parameter	
Sensor	1/2.8" Exmore HD CMOS
Effective Pixels	16：9 2.1 Megapixels
Horizontal View Angel	55.4°(W)～2.9°(T)
Video Format	1080P, 720P
Optical Zoom	30X
HD Codec	
CPU	ARM Quad-Core Processer, 1.8G Hz
GPU	ARM Mail GPU, Support TE, ASTC, AFBC Memory Reduction Technology
Code	H.264,VP8 Hard-Coding
Decode	1080PMultipale Decoding, H.265 Hard-Decoding
Input / Output	
HD Video Interface	1*HDMI HD video Input; 1*HDMI Video OUT
LAN	1000M
WIFI	802.11b/g/a
USB	2*USB2.0
Bluetooth	Built-in Bluetooth, support pair and transform
IR Remote	PTZ and Whole System Control
SD Card	Built-in SD Card(Optional)
Power Supply	HEC3800(DC12V)
Others	
Pan-Tilt	Horizontal Angle: ±170° ; Vertical Angle: -30° to +90°
	Horizontal Speed: 0.1-100°/s; Vertical Speed: 0.1-60°/s
	Preset Horizontal Speed: 100°/s; Vertical Speed: 60°/s
	Preset Precision 0.05°
	Preset Position: 255
Power Supply	AC110V-AC220V to DC12V/2A
Voltage Input	DC12V(DC11.5-DC12.5V)
Power Consumption	18W(Max)
Working & Storage Temperature	0℃ to +45℃ / -10℃ to +60℃
Size	155mmX186mmX172mm
Weight	1000g