TV-X8186A1

Description

itc HUB Intelligent Conference Flat Panel focuses on small and medium-sized conference rooms and creates a small conference center. The product integrates high-definition display, digital whiteboard, 4K camera, array microphone, intelligent central control , high-quality audio and other functions ; equipped with Windows 10 IoT system, it meets the needs of conference presentation, writing, interaction, collaboration, sharing, video, data security, environmental monitoring and control, and covers the entire process of the meeting.

Feature

*86-inch DLED LCD screen with 4K ultra-high-definition display and narrow bezel design, enabling USB multimedia file playback function.

*It has a built-in 12MP pixel HD camera and 8-array microphone, with a sound pickup distance of up to 10m, and has automatic noise reduction, automatic gain, echo cancellation, and sound source positioning functions.

*Equipped with 2.1-channel professional audio , it has 5 scene sound effect options: standard, conference, vocal, music, and cinema.

*High-precision touch, supporting 1.6mm fine recognition.

*Supports Type-C full-function interface, which can realize screen projection, reverse control , and audio and video signal transmission functions.

*HDMI supports 4K 60Hz loop-through output; DP supports 4K 60Hz input.

*The entire screen and the screen protection layer use zero-lamination technology to effectively prevent light reflection.

*It supports anti-glare and uses AG tempered glass to reduce ambient light interference, reduce screen reflections, and reduce glare damage to the eyes.

*Supports hardware-level blue light protection, filters out harmful high-energy short-wave blue light, and does not cause fatigue when watching for a long time.

*Supports 85% high color gamut, making images clearer, colors more vivid, and colors more saturated.

*The camera array microphone is a detachable module with a 12-pogo pin magnetic interface design . It does not require separate wiring and uses physical protection to prevent the possibility of leakage of meeting information.

*It supports multiple wake-up methods. In the screen-off state, you can wake up the device by voice, keeping looking, double-clicking the touch screen, or pressing buttons. The gaze wake-up method can customize the gaze time.

*Supports pen-lifting wake-up function; supports pen-lifting quick use of whiteboard and annotation functions.

*It has a voice assistant assistance function and supports operations of major functions through the voice assistant , such as: starting a meeting, ending a meeting, turning off the screen, shutting down the phone, etc.

*It supports conference reservation function, and the homepage supports real-time display of the day's meeting list; the meeting list can view information such as the host and meeting time.

*Supports preparation of welcome interface before the meeting, can add background audio, video, pictures, and customize the welcome interface theme.

*Support quick meetings to meet the needs of temporary meetings, multi-person discussions, brainstorming and other activities.

*It supports confidential meetings. Materials during the meeting cannot be downloaded and will be automatically burned after the meeting. Materials used during the meeting and temporarily cached files are automatically encrypted and cannot be opened after the meeting. It has an interface watermark that covers the entire meeting to prevent taking photos and recording videos, and leaking meeting information.

*Supports the installation of third-party video conferencing software to realize remote video conferencing, and the camera has intelligent framing and speaker tracking functions.

*It supports quick voting and customized voting/scoring , and has voting and satisfaction evaluation templates; the voting methods are divided into QR code scanning voting and raising hands voting, and QR code scanning voting can choose anonymous voting and real-name voting, and voting/scoring can have customized options.

*Supports scanning code to sign in, you can sign and view it immediately during the meeting, and the name of the sign-in person will be displayed in real time after scanning the code to sign in.

*Supports conference screen recording, supports 2K and 4K resolution selection, supports multiple ways to save screen recordings, and can be taken away by scanning the code or saved locally, in the conference, or on a USB flash drive.

*It supports multiple screen projection methods such as NFC touch transmission, wireless screen projection, wired screen projection, one-click screen projection from a screen projector, etc. It supports mixed screen projection of mobile phones and computers, and supports up to four screens on the same screen; it supports reverse operations on the projected content.

*Supports application screen projection, for example, specifying browser screen projection, specifying document screen projection; other application messages will not pop up, and other tasks can be processed during the screen projection process to protect privacy.

*It supports mixed split-screen, and can display whiteboard, dynamic video, audio, documents, annotations and other pages at the same time during the meeting . Any split-screen can be displayed in full screen or different solutions can be compared.

*It supports document presentation function. During the document presentation process, you can make annotations, play videos, and have unlimited image overlays to meet the needs of presenting documents with more content.

*It supports uploading multiple file formats by scanning QR codes during the meeting, including MP4, MP3, PDF, WORD, XLSX, text, JPG, PNG, etc., which can be directly viewed and annotated.

*Supports whiteboard writing; supports inserting pictures and video materials into the whiteboard; supports multi-point writing; supports multiple erasing methods such as gesture erasing, sliding to clear the screen, circle eraser, pixel eraser, etc.; has infinite canvas and two-finger zoom function; supports multiple whiteboard file saving formats, and can save in PNG, PDF, WORD, PPT and other formats.

*The whiteboard supports OCR intelligent text recognition and graphic recognition functions, which can automatically convert written fonts and patterns into standard text and graphics.

*It supports full-channel annotation function , and you can choose a variety of annotation saving methods. You can scan the code to take it away or save it locally, in the meeting, or on a USB flash drive.

*Supports PPT presentation countdown mode.

*It supports abnormal power-off protection function . After an abnormal power off, the internal reserve battery can be quickly activated to save meeting materials and meeting progress in time. It can continue to be used after power is restored to ensure the continuity of the meeting.

*The button logo design, combined with IoT sensing technology, supports real-time monitoring and display of temperature and humidity , and automatically adjusts the brightness according to ambient light.

*It supports centralized control function and can connect to the central control to manage the air conditioners, curtains, microphones and other equipment in the conference room with one click.

*Supports account switching and can jump to the Windows account login interface to meet users' needs to install other Windows applications.

*It has a conference management platform that supports web-based login to the management platform; it has multiple roles including ordinary users and administrators.

*It supports the background data dashboard function, which can view the unit's meeting rooms, equipment, user account resources and meeting room usage. It can also provide real-time statistics on daily meeting participants, daily meeting duration, daily number of meetings, daily number of active users, etc., to facilitate statistics and unified management .

*It supports background meeting management functions, and can conduct online management and control of meeting lists , unit meetings, historical meetings, and meeting recordings .

*It supports background meeting settings. You can set whether files are encrypted and whether data is allowed to be downloaded on the meeting management platform. You can set the storage time of historical meetings , which can be selected from 6 months , 12 months , or permanent .

*It supports backend unit management, and can manage organizational information and unit information.

*Supports background conference room management, can view equipment usage status, and manage conference room equipment in a unified manner.

Intelligent Conference Flat Panel

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Specification

Model	TV-X8186
Processor	Intel® Core™ i3-1115G4 Processor (6M Cache | up to 4.10 GHz | 2 Cores | 4 Threads)
System version	Windows 10 IoT Enterprise Entry
Memory	8GB
Storage	512GB
Display type	DLED LCD display
Display size	86 inches (16:9)
Screen display size	1895Hx 1066V
Physical resolution	3840 (H) × 2160 (V)
Color gamut NTSC	85 %
Color	1.07B(10bit)
Screen brightness	350CD/㎡ (min.) 400CD/㎡(typ.)
Contrast	1200:1(typ.)
Anti-blue light	support
Anti-glare	support
Frame rate	60Hz
Viewing angle	178°(H/V)
Camera type	Magnetic camera, pluggable, plug and play
Pixel camera	12MP
Maximum field of view	105°±5°
Horizontal field of view	90°±5°
Lens focus	auto focus
Angle adjustment	Adjust down 15°
Low light	New CMOS image sensor, using noise reduction algorithm to significantly reduce image noise, image noise ratio ≥ 55dB
Drive Standards	UVC/UAC national standard
Camera module dimensions(Length × Thickness × Height)	292 mm ×41 mm ×31 mm
Microphone pickup distance	10m
Input interface	1*LAN; 1*TOUCH; 1*HDMI-IN; 1*DP-IN; 1*VIDEO-IN (USB-C+reverse control); 1*LINE-IN; 1*MIC-IN;4*USB-A (gen3 10G rate);1*USB-C (gen3 10G speed); 1*RS232; 2*IO; 2*RELAY
Output interface	1* HDMI -OUT ; 1* LINE - OUT ;
Touch sensing technology	Infrared sensing touch recognition technology
Maximum number of input points	40 points
Response time	8ms (typ.)
Writing method	Finger, stylus, or other opaque objects
Writing height	2.0mm
Touch accuracy	The middle 90% touch area is ±1mm
Two-point recognition distance	>20mm
Theoretical clicks	Unlimited
Touch diameter	Single point ≥1.6mm, multiple points ≥2mm
Glass specifications	3.2mm tempered glass
Writing screen surface hardness	7H
Interpolation resolution	32768 × 32768
Operating voltage	DC 5V±5%
Power	≤2.5W
WiFi	2.4GHz and 5GHz
Power supply	90-264V~50/60HZ input
Standard power consumption	≤460W
Standby power consumption	< 0.5W
Audio channels	2.1 Channel
Maximum sound power	2*20W @ 4Ω+1*32W @ 4Ω
Storage temperature	-10℃~+60℃
Storage humidity	10%~80%RH, non-condensing
Operating temperature	0℃~+40℃
Operating humidity	20%~80% RH , non-condensing
Operating altitude	≤5000m
Bare metal dimensions (length x thickness x height)	1962.6mm × 102 .1mm × 1149.4mm
Packing size (length x thickness x height)	2095mm × 225mm × 1310mm

Display size	1895 mm × 1066 mm
thickness	102.1mm
Net weight	75.4 kg
Gross weight	90.8 kg
Shell color	Aurora Purple
Housing material	Aluminum profile/sheet metal