



## Description

itc HUB smart conference tablet 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.
- \*Supports 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.
- \*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.



### Specification

|   |  |
|---|--|
| Model   | TV-X8186   |
| Processor   | Intel® Core™ i5-1135G7 Processor (8M Cache   up to 4.20 GHz   4 Cores  8 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/m <sup>2</sup> ( min. ) 400CD/m <sup>2</sup> (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°C~+60°C  |
| Storage humidity                                      | 10%~80%RH, non-condensing  |
| Operating temperature                                 | 0°C~+40°C  |
| 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  |



# Intelligent Conference Flat Panel

## TV-X8186B1

|                  |                              |
|------------------|------------------------------|
| 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 |