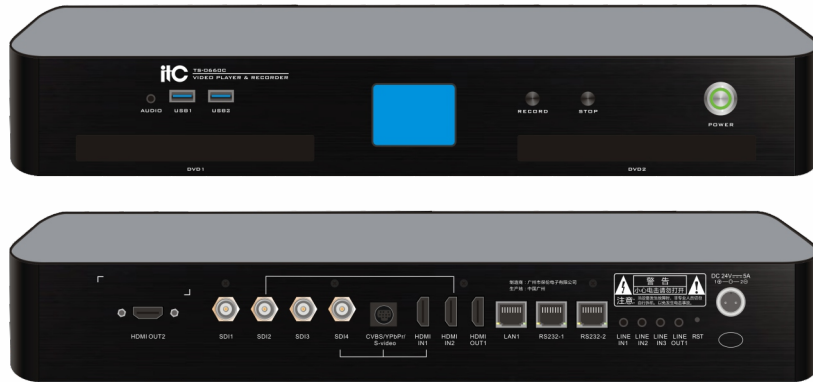




Recording Controller

Automatic recording control embedded software V3.11

TS-0660C



Description:

It adopts integrated hardware design, embedded Linux operating system, and integrates functions such as CD recording, backup recording, voice tracking, and live broadcast. It is an audiovisual recording device specially designed for "Sunshine Court" and "Technology Court".

Feature:

- * Adopt integrated hardware design, embedded Linux operating system, highly integrated system modules such as image recognition and tracking, automatic guidance, live broadcast, VOD, acquisition, recording, etc. Easy to use, easy to maintain, and has high security.
- * Based on the B/S architecture, you can log in to the web terminal to realize functions such as live broadcast management, signal management, group management, user management, file management, reservation recording, central control management, and system management.
- * Adopt AAC HD audio encoding method, support accurate and synchronous audiovisual recording.
- * Adopt H.264 video encoding method, adjustable bit rate, support video encoding 256kbps ~ 12Mbps, and support resolutions such as 1920x1080.
- * The built-in encryption algorithm of the recording controller ensures that the genuine machine needs to be activated before it can be used, and supports the use of authorization date.
- * Built-in 2.2-inch LCD screen, support the display of system hard disk space, version number, recording status, IP address and other device information.
- * Come with 2TB of storage space; the recording content can be stored for up to 2000 class hours; support frequent use of the device for more than one year; support automatic deletion of old files and loop recording.
- * With 2 HDMI signal input interfaces, connected to a computer or a camera.
- * With 4 SDI signal input interfaces, connected to the camera.
- * With 1 YC/B composite signal input port, connected to external signal sources.
- * With 8 network signal inputs, adopt standard RTSP stream access to collect network camera signals.
- * Support synchronous input of up to 8 video signals; support signal types such as HDMI/3G-SDI/IP.
- * With 2 HDMI video output interfaces, connected to external display devices.
- * With 3 3.5mm audio input interfaces, used to collect external audio signals.
- * With 2 3.5mm audio output interfaces, used for monitoring or connecting to external sound reinforcement equipment.
- * With 2 RS-232 control interfaces, used for seamless signaling connection with other control systems.
- * With 2 USB ports, used to connect U disk or keyboard and mouse.
- * With 1 802.3ab 1000Base-T Gigabit network interface, support IPv4 address and IPv6 address.
- * Built-in dual DVD burner, support dual-disc double-layer 8.5GB DVD recording, support up to 16 hours of seamless continuous recording of dual-disc HD video recording.
- * Support manual directing through the directing software, and automatic directing through the built-in automatic directing module.
- * Support remote control of the control panel; functions such as input source screen monitoring or broadcast switching, recording mode switching, recording and stopping, special effect switching and camera control can be realized by clicking the button on the panel.
- * Support simultaneous rotation and zooming of up to 8 PTZ cameras; support one-click image tracking function.
- * Support single-stream single-screen/single-stream multi-screen/multi-stream multi-screen recording methods, each input signal can be saved as a separate file; up to 5 channels of video images can be recorded at the same time, and categories can be customized for classified recording and storage; support MP4, AVI, MOV, FLV and MKV and other formats.
- * Support 7 screen layouts such as three-screen, four-screen and dialogue screen; support two custom screen layouts to meet individual needs.
- * Support PVW and PGM dual screen, support output switching effects when switching output display, including 12 screen switching effects such as fade, erase, push, expand, fly in, etc.
- * Support subtitle setting, built-in subtitle template, users can customize the size, color and position of letters.
- * Support online speech transcription function, realize transcribing speech into text and automatically generate subtitles.
- * Support the function of adding a custom title, support uploading a custom title and customize its display time.
- * Support tagging of each video screen to distinguish the video screens of the trial seat, prosecutor, defendant, defense seat, and auditorium.
- * Support simultaneous dual backup recording of CD and HDD; support functions such as no-disk/insufficient space warning, dual-disc seamless recording, etc.
- * Support manual recording and automatic recording. After the recording is completed, it can automatically finish the processing operations such as disc sealing and disc output.



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Feature:

- * Support recording reservation function, you can select recording reservation function according to the case list, and it will automatically record at the predetermined time after completion.
- * Built-in VOD module, support operations such as play, pause, and jump of online video files through the network.
- * Support live broadcast function, and support live broadcast to 50 users in the local area network at the same time; support standard RTMP streaming protocol, and support connecting to third-party live broadcast platforms for online live broadcast, convenient to expand the number of live broadcasts.
- * Support the automatic uploading of backup files; working with a third-party FTP file server to automatically push the courseware to the file server; file uploading and downloading can automatically adjust the bandwidth to prevent network congestion.
- * Support video file repair function. During recording, damaged video files caused by power outages can be repaired.
- * Support one-key reset function to avoid file damage, loss of IP address and loss of administrator password.
- * Support one-key upgrade function, when the system has new function iterations, the function can be upgraded by importing the firmware.
- * Support software central control, fill in the central control instructions in the recording management interface, you can perform central control operations through the interface, and connect to other devices for one-key control.
- * Support connecting with the court system platform. Through RTSP/RTMP/HLS and other network live broadcast protocols, support real-time live broadcast and recording of case trial on the court trial live broadcast platform.
- * Support user group management function, assign account permissions to each user, users can watch live and VOD files after authentication, and corresponding users can only access corresponding files.
- * Support video file management. The files can be sorted chronologically, the file name can be edited, and MD5 encryption is used to prevent file tampering. According to the video file case number, cause of action, appellant and other relevant information, you can accurately search and find files.
- * Support the function of online court opening/closing on the web page. You can create a case first, fill in the relevant case information, and then choose to start a court.
- * Support online editing of transcript templates; the transcript clerk can import it with one click during court sessions.
- * Support online editing of transcripts on web pages; you can directly export case transcript files and download playback videos on the web page.
- * Support online revision of case details; you can continue to revise the transcript or case details after the court session.

Specification:

Video protocol	H.264
Code stream	256Kbps~12Mbps
Video output format	MP4/MOV/MKV/FLV/AVI/TS
Audio protocol	AAC
Live protocol	Support TS, RTSP, RTP and RTMP real-time protocol streams
Network protocol	Support TCP, UDP, RTMP, RTSP, FTP, DHCP, HTTP protocols
Video input interface	4 SDI HD video interfaces, 2 HDMI HD video interfaces, 1 composite video interface
Video output interface	2 HDMI HD video interfaces
Input resolution	1920x1080P60/P50/I60/I50/P30/P25fps
Output resolution	1920x1080P60/P50/P30/P25fps, 1280x720P60/P50/P30/P25fps, 720X576P60/P50/P30/P25fps
Audio input interface	3 3.5mm audio interfaces
Audio output interface	2 3.5mm audio interfaces
Network port	1 Gigabit Ethernet port
USB port	2 USB 2.0 ports
Control port	2 RS-232 ports
Panel button	1× switch button, 4× function button
Storage	2TB
DVD drive	2xDVD drive
Disc format	DVD±R, DVD±RW, DVD±RDL, etc.
Power supply	DC 24V/5A
Power consumption	50w
Weight	2.5kg
Dimension	440×295×66mm (L×D×H)
Working temperature	-10℃~55℃ (under well-ventilated conditions)
Relative humidity	20%~80%, no condensation