

KT-KD30N

Live video control switcher

8 Channels Input

10.1" Touch Screen

NDI|HX 2

PTZ Camera Control

Multi Streaming Protocol



Features

■ 10.1" Super large touch screen, integration of director and monitoring:

Built-in 10.1" touch screen, integration of director and monitoring.

■ PTZ control, highly integrated, one-stop solution:

Integrates video guidance, audio adjustment and PTZ control in one, with powerful functions.

■ 8-channel video source, support NDI|HX 2, simple connection, convenient wiring:

Support up to 8 channels of IP (NDI|HX 2) video input and 1 channel of HDMI 1.4 video input signal, support up to 1080p60 picture input.

■ PGM output:

1 channel PGM-HDMI video output signal, support 1080p60 screen display.

■ Multi streaming protocols, live streaming at any time:

Support RTMP (2 channels), RTSP, RTMPS, NDI HX and SRT and other streaming media protocols to achieve push and pull streaming.

■ A variety of PIP layouts and transition effects, free to switch according to needs

Support 8 PIP layouts and multiple transition functions.

■ MP4 video recording

Support MP4 format video recording and saving.

■ Support Chinese and English multiple language operation interface

Support Simplified Chinese, Traditional Chinese and English operation interface, multiple languages, easy to switch.

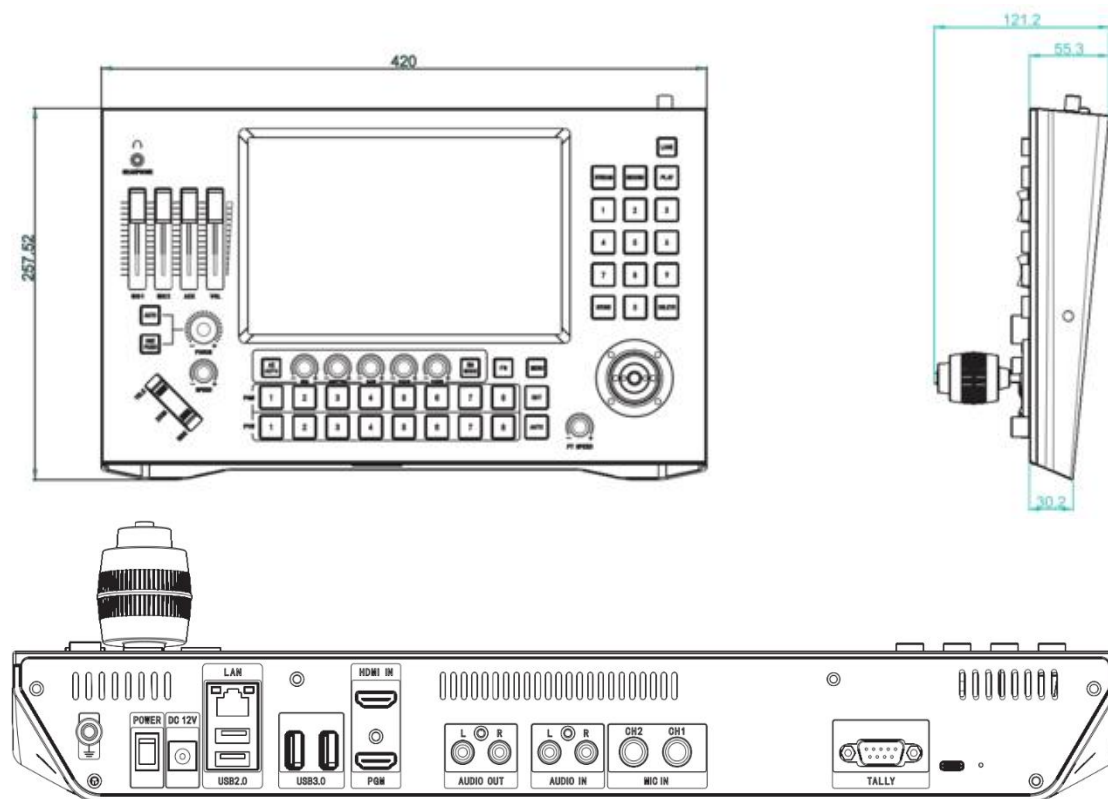
Specifications

Device Interface	
Video Input Interface	8CH NDI HX 2, 1CH HDMI Type A 1.4
Video Output Interface	1CH PGM-HDMI Type A 1.4
Audio Input Interface	1 group x RCA; 1 group x6.5mm stereo mini jack
Audio Output Interface	1 group x RCA; 1x3.5mm stereo mini jack
RJ45 Ethernet	RJ45x1, Ethernet support 10, 100, 1000 BaseT, can be used for live streaming, background setting, software update
Computer Interface	2xUSB-A 3.0; 2xUSB-A 2.0; support external U disk (FAT32, NTFS, exFAT), external mouse and keyboard
Format Parameter	
HD Video Input Format	1080P25, 1080P30, 1080P50, 1080P60
HD Video Output Format	1080P60
Video Sampling	4:2:2 YUV
Color Accuracy	10bit
Color Space	Rec 709
HDMI Input Resolution From Computer	1280x720p 50Hz,59.94Hz,60Hz
	1920x1080p 29.97, 30, 50, 59.94,60Hz
Color Space Conversion	Hardware real time
Play Local Files	Video file format: MP4
	Image file format: PNG, JPG, BMP
File Recording Format	MP4
File Recording Bit Rate	512KB, 1MB, 3MB, 5MB, 8MB, 12MB, 16MB, 20MB
File Recording Resolution	1920×1080, 1280×960, 960×540
File Playback In Real Time	Support
Product specification	
Video System	HD
Number of Function Keys	40

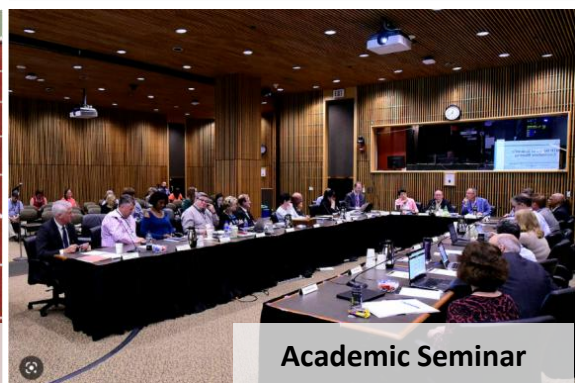
Number of Adjustment Knobs	8
Monitor Screen	10.1"
Monitor Minimum Resolution Requirements	1920x1080 pixels
LOGO	1 set
Clock Display	Support
Operating Mode	Landscape (16:9)
Subtitle	Horizontal subtitle x1; scrolling subtitle x1
Video Keying	Support Chroma Key green screen keying (optional)
Tally	Support
Stunt Switch	CUT & AUTO
Stunt Effects	Cut,4 special effects
PIP Mode	Support (8 PIP and POP modes)
Language Model	Simplified Chinese, Traditional Chinese, English
Audio	
Mixer	8-channel mixer with 8 inputs
	Each channel is equipped with selectable disable, follow, lock, and the channel can have independent gain control
Analog Input	Unbalanced stereo, support independent gain control
Analog Input Delay	Max 500ms
Audio Input Level Range	0dB~50dB
Audio Sample Rate	48kHz
Audio Format	AAC
Audio Connection	1 set of RCA; 1 set of TRS 6.3mm
Stream media	
Streaming Output	Up to 2 channels of streaming media addresses can be output at the same time, and streaming media can be directly broadcast live through Ethernet
Streaming Output Protocol	RTMP, RTMPS, RTSP, NDI HX
Streaming Input	Up to 8 channels of streaming media signals can be input at the same time
Streaming Input Protocol	RTSP, NDI HX, SRT
Streaming Address	Support 1 stream address preset
PTZ Camera Control	
PTZ Control	Support
PTZ Control Quantity	8 channels
PTZ Camera Control Mode	4D joystick

PTZ Aperture Control	Support
PTZ Focus Control	Support, Manual, Automatic
PTZ Exposure Control	Support, Manual, Automatic
PTZ Exposure Mode	Red gain value, blue gain value adjustment
PTZ Preset Number	9
Software Update	
Firmware Upgrade	Direct connection to Windows, Linux computers using the Ethernet interface
Power Supply	
Input voltage	External 12V 3A power supply
Input Current	3A(Max)
POE	not support
Rated Power	36W(Max)
General Specifications	
Operating Environment	Indoor
Operating Temperature	5°-40°
Storage Temperature	-10°-60°
Color	Black
Dimension	(W)420*(D)257.5*(H)55.3mm (Without rocker height)
Weight	1.2kg

Dimension



Application scenarios



Connection

