
Introduction to network integrated control keyboard

CKB23IP



Product Brief

Network integrated control keyboard (hereinafter referred to as keyboard) is an operating equipment featuring operation control, security monitoring host, intelligent camera, digital video recorder and alarm host. The keyboard has Internet access and RS485 access, can control the network and the traditional analog security equipment, and built-in SISO, PELCO, EREN, SAMSUNG, PANASONIC, KALATEL and other intelligent camera control protocol, HIKVISION, DAHUA, has a built-in DALI digital video recorder control protocol.

Product function

Decoding function: :

Supports H.265 Main Profile Level5.1、 H.264 Baseline / Main / High Profile Level5.0、 MPEG4 SP L0 ~ L3 / ASP L0-L5、 MJPEG、 JPEG Baseline decoding.

Supports 4 channel 4K / 16 channel 1080P / 32 channel 720P / 64 channel D1 video decoding.

Supports 4K, 500W, 300W, 200W, 130W and other standard video decoding.

Supports PAL / NTSL other standard formats.

Supports standard ONVIF access.

Supports video RTSP streaming.

Supports for video file playback.

Compatible with all standard ONVIF network camera, network video server protocol (NVR) and other video sources.

Encoding function:

Supports HDMI signal coding.

Supports the input signal H.264 Baseline, Main, High Profile Level5.1 standard coding.

Supports MJPEG / JPEG Baseline coding.

Supports encoding 1080P, 720P resolution, etc.

When encoding support resolution and frame rate adjustable.

Supports encrypting the encoded video stream.

Output function:

Supports two HDMI2.0 output interfaces; backward compatible HDMI1.3 and other versions.

1 channel HDMI2.0 output supports 3840 × 2160 @ 60fps, 1 channel HDMI2.0 output 1080P @ 60fps.

Single-screen supports up to 64 split display.

The equipment comes with 8 inch high screen direct display, support 1024*600 resolution; support 36 split screen video output.

Audio:

With 1-channel audio input and 1 channel audio output.

Supports 16bit voice input and output.

Network:

With 1 10/100/1000Mbps adaptive network port, connect the network to achieve the signal input.

Alarm:

Support RS485 extended access alarm device, Support single machine 8092 channel. alarm input and output management.

Support alarm linkage.

Support platform linkage.

USB Interface:

Three USB2.0 interfaces.

Support keyboard, mouse access, support mouse operation interface; mouse access, HDMI1 port in the video directly superimposed operation interface, intuitive and easy to operate equipment.

Access to external storage device, such as mobile hard disk, U disk.

Others:

With 4 dimensional joystick, you can easily and easily operate PTZ, camera, ball machine and other equipment.

Take the shuttle, including inside and outside the knob, can directly operate NVR/DVR equipment (SDK)

Provide SDK/ control protocol, access to the client's required platforms and systems

Support device configuration, remote backup and recovery, support remote key upgrade.

Support equipment, cloud control, cloud backup, remote control, etc..

Support remote / local configuration file import and export.

Specification parameter

Model	network integrated control keyboard CKB23IP		
function			
Product function	Decoding output	LCD display	8 inch high-definition screen, 1024*600 display output
		output	Support HDMI2.0 version, support 4K, 1920 x 1080P, 1920 x 1080I, 1280 x 720P, 1280 * 720I format and custom resolution output
		output	Support HDMI1.4 version, support 1920 x 1080P, 1920 x 1080I, 1280 x 720P, 1280 * 720I format and custom resolution output
	Encoding input	input	Supports the input signal H.264 Baseline, Main, High Profile Level5.1 standard coding.
	Video input	Network video	With 1 10/100/1000Mbps adaptive network port, connect the network to achieve the signal input.
	other	alarm	Support RS485 extended access alarm device
			USB2.0 interface, support keyboard, mouse, mobile hard disk, U disk access
	control	4 dimensional joystick	Operate pan head, camera, ball machine and other equipments
		Rotating shuttle	Operate NVR/DVR and other devices (provide SDK)
		Key	Digital input, matrix function, PTZ control
Device	Power	DC12V/2A	

parameter	Temperature	Temperature from -20°to +70°C
	Humidity	Humidity from 10% to 90%
	Weight	3kg
	Size	450*245*80mm (excluding rocker)、 450*245*125mm (with rocker)