Intelligent Video Recorder

16CH 4K 1HDD NVR

Model-CO-6116-AI NVR
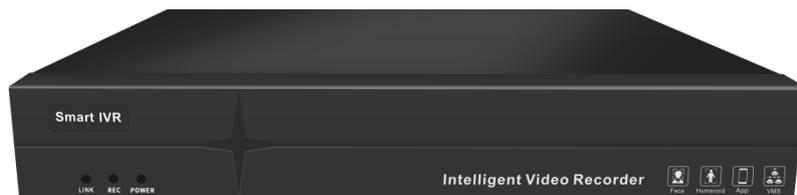
Smart265	ONVIF	SLINK	IMS	APP
Modify Light Mode	Human Detection	Vehicle Detection	Retrograde	Absent Alarm

Introduction:

    16CH intelligent video recorder, support 16CH 4K IP camera input and output. Support IPC smart analysis: Line-crossing detection, Vehicle retrograde, Staff absence, Loitering, Area intrusion, Vehicle illegal parking. Support voice alarm function in various mode. Support modify the light mode of private protocol IPC. Support online upgrade and U disk upgrade our camera, support maximum 1pcs 16TB hard disk, 1 HDMI and 1 VGA output interface, 2 USB port, support mobile phone monitoring.

Features：

● Support 16CH IPC input（8MP/D1+16CH Preview+4CH Playback）

● Support Smart265, H265, H264 decoding format

● Support synchronized recording, remote view, backup recording in MP4 format, mobile view

● Support VGA/HDMI output

● Support preview image and playback image electronic amplification

● Support standard ONVIF, RTSP, GB28181 protocol

● Support RTMP

● Support alarm capture, alarm email sending function

● Support DDNS、UPNP...etc

● Support WEB, mobile view, IMS surveillance

● Support IPC smart analysis: Line-crossing detection, Vehicle retrograde, Staff absence, Loitering, Area intrusion, Vehicle illegal parking

● Support channel cruise grouping

● Support network inspection: network traffic monitoring, network diagnosis...etc

● Support maximum 4CH 1080P synchronous playback

● Support fast booting

● New UI interface, smooth operation

● Support 16CH 4K decoding and 4K display output

● Support to add IPC manually or automatically in LAN

● Support to upgrade IPC online and by U disk

● Support to maintain IPC under private protocol, including restore, restart, enable or disable all netcom function

● New optimization, high quality compatibility with hard disk on the market

● Support ANR(Automatic Network Replenishment) function

● Support select the video stream mode

● Optimize incoming bandwidth up to 80M

Specification：

System Structure	Embedded LINUX design, pure hard decoding, watchdog, hard disk storage, HDMI HD display, IP network video access					
Video Mode						
Split	1	4	6	8	9	16
Decoding	4K	4*1080P	4MP+5*D1	4MP+7*D1	9*D1	16*D1
Incoming Bandwidth	80 Mbps					
Video Output	1 HDMI output, 1 VGA output; Resolution: 3840×2160, 1920×1080, 1440×900, 1280×1024, 1280×800, 1024×768					
	Support IMS client preview; Support mobile APP fast preview					
	Support multi-screen split; 1/2/4/6/8/9/10/16 screen real-time preview					
Recording Resolution	Support 720P/960P/1080P/3MP/4MP/5MP/4K					
Video Decoding Parameter	Support Smart265/H.265/H.264 decoding					
	NVR synchronous playback 4CH (1*4K); IMS client support maximum 4CH remote video playback					
Audio	Standard G.711; Support HDMI audio output, audio output (3.5mm jack),					

	audio input (3.5mm jack), and IMS client audio and video preview and playback
Storage Management	1 SATA, maximum support 16TB hard disk
	Support timing recording, alarm recording, timing and alarm recording; Alarm recording includes (Motion detection, Human detection, Line-crossing detection, Vehicle retrograde, Staff absence, Loitering, Area intrusion, Vehicle illegal parking)
	Support external USB storage device (such as ordinary U disk, mobile hard disk) backup
User Management	Maximum support 32 local user
Network Port	1 RJ45 Ethernet port, 10/100M adaptive; Support TCP/IP, IPv4, DHCP, NTP, RTSP, ONVIF, P2P, SMTP, GB28181 ect. network protocol
External Port	2 USB2.0 (rear); Support mouse, USB upgrade, import and export
Alarm Port	/
Front Panel	Support power, recording, network transmission 3 status indicator
Buzzer	Support buzzer alarm
Service Function	Support preview, recording, forwarding, and remote service, alarm linkage, and IMS client remote monitoring software. Support P2P cloud service
Working Temperature	-10℃～＋55℃
Working Humidity	10%～90%
Power	DC +12V/2A
Power Consumption	≤2W (not with hard disk)
Size (mm)	210*255*42mm(W×L×H)