



5 in 1 (hd-cvi, hd-tvi, ahd, analog and ip) recorder of 4 channel and 8 mpx maximum resolution

XVR5104HS-4KL-I3

RECORDING

Maximum recording resolution	8 Mpx
Video compression	H.265 / H.264
Resolution HDCVI recording	8 Megapixel (4K)
Resolution HDTVI recording	8 Megapíxeles
Resolution recording AHD	8 Megapíxeles
Images per second Main stream	4K (1 ~ 7fps) / 6Mpx (1 ~ 10fps) / 5Mpx (1 ~ 12fps) / 4Mpx / 3Mpx (1 ~ 15fps) / 1080P / 720P / 960H / D1 / CIF (1 ~ 25fps)
Images per second Extra stream	960H (1 ~ 15fps) / D1 / CIF (1 ~ 25fps)
Video bit rate	32Kbps ~ 6144Kbps per channel
Recording mode	Manual / Programming (General / Continuous) / MD (Video detection: Motion detection / video loss / manipulation) / alarm / stop
Recording interval	1 ~ 60 min (default: 60 min) / Pre-record: 1 ~ 30 sec / Postrecord: 10 ~ 300 sec
Audio compression	G.711A / G.711U / PCM
Audio sampling frequency	8KHz, 16 bit per channel
Speed audio bits	64Kbps per channel
Resolutions	4K / 6Mpx / 5Mpx / 4Mpx / 3Mpx / 4M-N / 1080P / 720P / 960H / D1 / CIF

NETWORK FEATURES

Number of ports RJ45	1
Speed RJ45	100 Mbps
Maximum number of users	128
Mobile devices	Android / IOS (Apple)
ONVIF	Yes
Remote vision	Web Browser (ActiveX) / Smartphone App / Smart PSS Software

VIDEO

BNC channels	4
IP Channels	8, replacing the BNC channels
Accepted IP cameras	4 BNC cameras + 4 IP cameras
Admitted resolutions HDCVI	8Mpx / 6Mpx / 5Mpx / 4Mpx / 2Mpx / 1Mpx
Admitted resolutions HDTVI	8Mpx / 5Mpx / 4Mpx / 3Mpx / 2Mpx / 1Mpx
Admitted resolutions AHD	8Mpx / 5Mpx / 4Mpx / 3Mpx / 2Mpx / 1Mpx
Cameras CVBS	Yes
Resolution IP cameras	8 Megapíxeles

REPRODUCTION AND COPY OF SECURITY

Search mode	Date / Time / Alarm / motion detection / exact search
Playback functions	Play / Pause / Stop / Rewind / Fast play / Slow Play / Next File / Previous File / Next Camera / Previous Camera / Full Screen / Repeat / Shuffle / Backup Selection / Digital Zoom
Backup mode	USB / Network device
Smart search	Yes
Nº canales simultáneos con cámaras IP	1 / 4 / 8 / 9
Nº canales simultáneos sin cámaras IP	1 / 4
Tipos de iconos de aviso	Camera title / time / video loss / camera lock / motion detection / recording
Synchronized playback	1 / 4

MATERIAL AND DIMENSIONS

Installation	Desk / Rack
Dimensions	260 x 237.9 x 47.6 mm
Material	Metal
Net weight	530 g
Weight with packaging	1070 g
Chassis	Compact 1U

technical datasheet

Software	SmartPSS
App	iDMSS / gDMSS
FACE RECOGNITION	
Number of faces	8 faces processed per second
Number of channels with facial recognition	1 channel video face recognition (only analog cameras)
Strange mode	Notice of faces not registered in the database
Search AI (artificial intelligence)	Up to 8 simultaneous faces
Database managment	Up to 10 databases with 20,000 faces in total / Allows designating name / gender / birth date / nationality / address / Identification information can be added to each face image.
Database application	Each database can be applied to video channels independently.
Actions available after detection	Buzzer / voice prompts / email / snapshot / recording / alarm output / PTZ activation
POWER CONSUMPTION	
Power mode	DC
Voltage	12V
Consumption (w)	7W
Amperage	2000mA
AMBIENT	
Operating temperature	-10 °C ~ 55 °C
Use	Indoor
Maximum humidity	90%
STORAGE	
Number of supported hard drives	1
Maximum hard disk size (Unit)	10 TB
Type HDD	3,5 SATA"
PERIMETER PROTECTION	
Channels number with analytics	1 channel / 10 IVS for each channel (only analog cameras)
Type of identification	Human secondary recognition / vehicle for line crossing and intrusion
Smart search	Search by classification (Human / Vehicle)
INPUTS/OUTPUTS	
USB 2.0	2
RS485	1

VIDEO OUTPUT

HDMI Output Number	1
Number of VGA outputs	1
Resolution HDMI	4K
VGA resolution	1080P

AUDIO

Audio Inputs	1
Audio Outputs	1
Audio bidirectional (Full-duplex)	Yes

INTELLIGENT VIDEO SYSTEM

IoT	Yes
POS	Yes
SMD PLUS	Yes, 4 channels (human / vehicle classification) (analog cameras only)

GENERAL INFORMATION

Serie	Serie 5
Technology	5 IN 1 (HD-CVI, HD-TVI, AHD, analog and IP)

DETECTION OF VIDEO AND ALARM

Detection functions	Recording / PTZ / Tour / Video Push / Email / FTP / Snapshot / Buzzer and screen tips.
Type of video detection	Motion Detection / MD Zones : 396 (22 × 18) / Video Loss, Tampering, Diagnosis



technical datasheet

SYSTEM RECORDS

Processor	Embedded Processor
Operating system	Embedded LINUX