

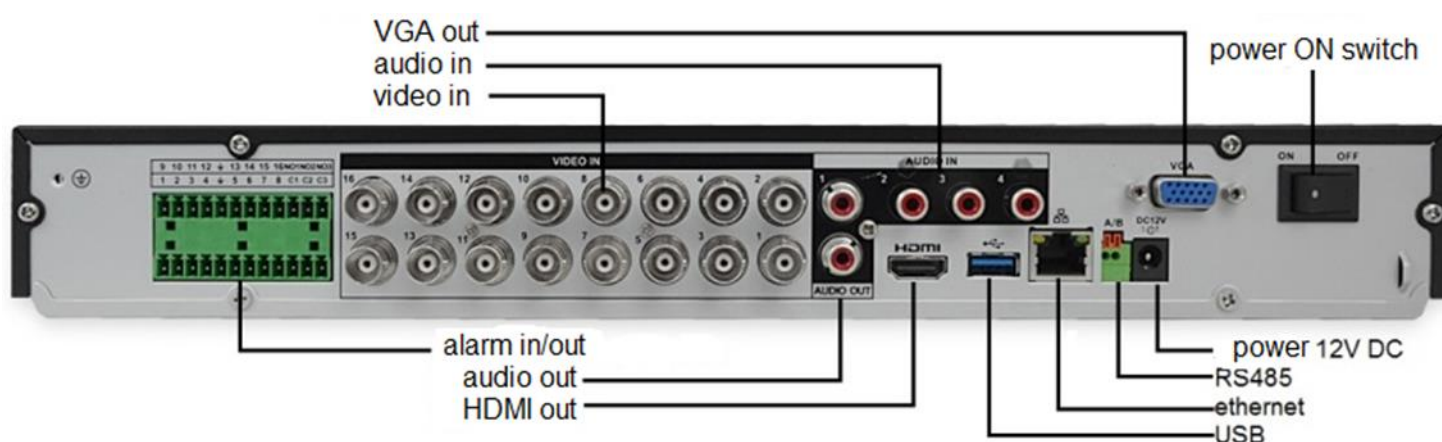
16 channel Video Recorder 5-system HDCVI/AHD/TVI/ANALOG/IP



Key features

- Display up to 16 channel and additional 8 IP camera
- Compression H.265/ H264 – max. quality of records – dual stream
- Record up to 16 channels HDCVI/AHD/TVI max 240fps@1080P&4M-N, 400fps@1080N&720P&960H or ANALOG or IP CAM
- Automatic recognition system of plugged in camera.
- Max. IP channels: 16+ additional 8 up to 6Mpx
- Max incoming bitrate 96Mbps
- Synchronous video out HDMI/ VGA
- Advanced video detection: motion detection, camera lock, video loss
- Intelligent functions: tripwire, intrusion, abandoned/missing objects, face detect
- Intelligent 3D positioning with PTZ BCS
- 4 audio in / 1 audio out, 16 alarm in / 3 alarm out
- Easy backup: USB, network download
- Support selected modems 3G/4G/WiFi USB
- Support 2 HDD SATA up to 10TB each, 2 ports USB, 1 port RS485
- Web-service, support CMS (BCS Manager), mobile app BCS (iOS, android), P2P

Back panel



*Parameters depend on firmware version.

Technical specification		BCS-XVR1602-III
System		
Processor		Embedded processor
Operating system		LINUX
Functions		Pentaplex: real-time view, record, playback, backup, remote access
System control		Mouse, network, remote
Video /Display		
Video Standard		HDCVI/AHD/TVI/ANALOG/IP
Video input		16
Video output		1 HDMI, 1 VGA
Resolution		1920×1080, 1280 ×1024, 1280×720
Multi-screen display		1/4/8/9/16 (1/4/8/9/16/25 in additional IP CAM mode)
Sequence		Yes
Privacy mask		4
OSD		Camera title, time, video loss, camera lock, motion detect, recording
Audio		
Input		4
Output		1
Two way communication		Intercom
Recording		
Compression Video/Audio		H.265 / H.265+ / H.264 /H.264+ / H.264B / H.264H AAC(only first channel)/G.711a/G.711u/PCM
Recording resolution	Main stream:	1~15fps: 1080P(1920×1080) lub 4M-N(1280×1440) 1~25fps: 1080N(960×1080) / 720P(1280×720) / 960H(960×576) / D1(704×576) / HD1(352×576) / BCIF(704×288) / CIF(352×288) IP: 16+8 ch: up to 6Mpx
	Extra stream:	1~15fps: D1(704×576) / CIF(352×288)
Bitrate		32~6144Kbps per channel
Record mode		Manual, schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop
Recording priority		Manual >Motion detect>Continuous
Record interval		1~60 min. (default: 60 min.), Pre-record: 1~30 s., Post-record: 10~300 s.
Video detect / Alarm		
Trigger events		Recording, PTZ, tour, alarm out, video push, email, FTP, snapshot, buzzer, screen tips
Motion detection		Zones: 396 (22x18), areas, sensitivity, threshold
Video loss, tampering		Yes
Alarm in/out		16/3
Playback and backup		
Playback		1/4/9/16
Search mode		Time/Date, Alarm, MD and exact search (accurate to second)
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		USB, network download
Network		
Ethernet interface		Port RJ-45 (10/100/1000M)
Protocols		HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search
Remote access		Monitor, PTZ, playback, settings, download files, search logs
HDD Drive		
HDD Drive		2 ports SATA, max 10TB each HDD (20TB in total)
Disc management		Drive monitoring
Additional interfaces		
USB		1xUSB 2.0 (front) / 1xUSB3.0 (back)
RS485		Yes
General		
Power supply		DC 12V / 4A
Power consumption		<10W without HDD
Working environment		-10°C ~+55°C / 10~90%RH / 86~106kpa
Dimensions		1U 375mm×285mm×55mm(W×D×H)
Weight		1.7kg without HDD

* Parameters depend on firmware version