

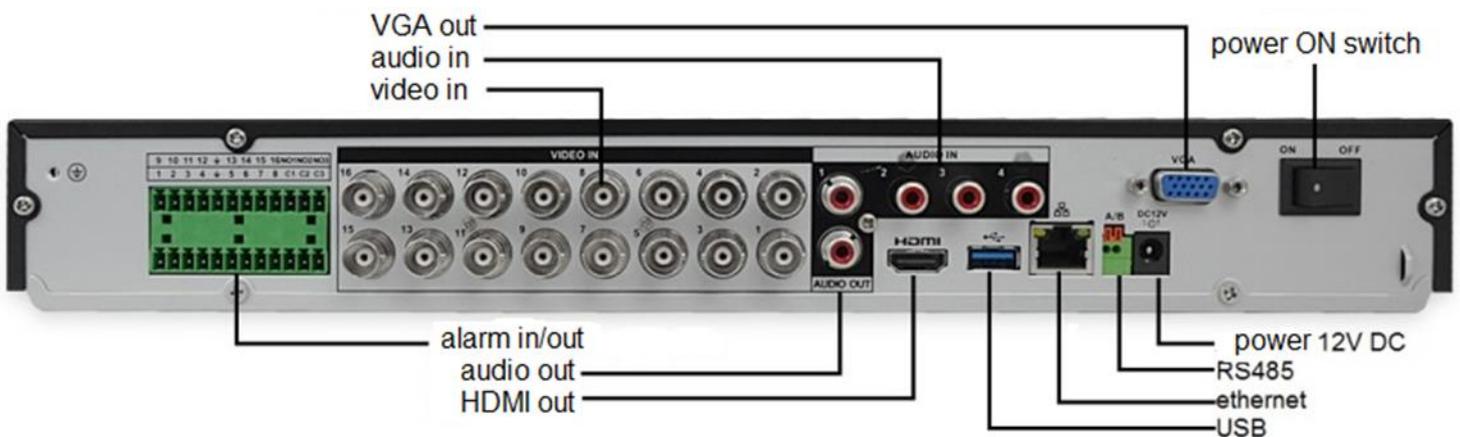
16 channel Video Recorder 5-system HDCVI/AHD/TVI/ANALOG/IP



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, 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