

BCS-XVR1601-III

BCS LINE

16 channel video recorder 5-system HDCVI/AHD/TVI/ANALOG/IP



16
KANALÓW

H.265+

1
DYSK

Max. 10TB

4K
HDMI

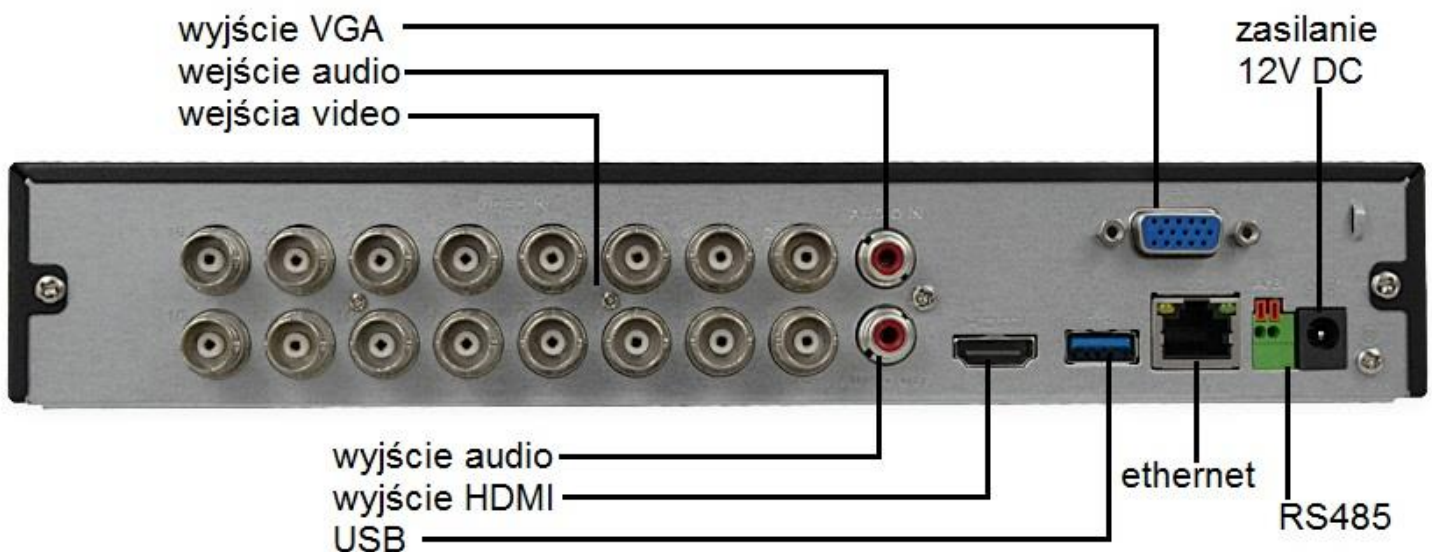


5w1

Key features

- Display up to 16 channel and additional 8 IP camera
- Compression H.265/H.265+/H.264/H264+/MJPEG max. quality of records – dual stream
- Record up to 16 channels HDCVI/AHD/TVI max. 10fps@5M-N(only first and second channel), 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
- Support long distance transmission over coaxial and UTP: 700m for 4K/4Mpx, 800m for 1080P, 1200m for 720P
- Synchronous HDMI(3840x2160)/VGA(1920x1080) at the same time
- Advanced video detection: motion detection, camera lock, video loss
- Intelligent functions: tripwire, intrusion, abandoned/missing objects, face detect
- Intelligent 3D positioning with PTZ BCS
- Easy backup: USB, network download
- Support 1 SATA HDD up to 10TB, 2 ports USB, RS485
- Web-service, support CMS (BCS Manager), mobile app BCS (iOS, android), P2P

Back panel



*Parameters depend on firmware version

Technical specification	
System	
Processor	Embedded processor
Operating system	LINUX
Functions	Pentaplex: real-time view, record, playback, backup, remote access
System control	Mouse, network
Video /Display	
Video Standard	HDCVI/AHD/TVI/ANALOG/IP
Video input	16
Video output	1 HDMI, 1 VGA
Resolution	HDMI: 3840×2160, 2560×1440, 1920×1080, 1280×1024, 1280×720 VGA: 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/output	1/1
Two way communication	Intercom
Recording	
Compression Video/Audio	Video: H.265/H.264/H.264B/H.264H/MJPEG audio: G.711a/G.711u/PCM/AAC(only first channel)
Recording resolution	Main stream: 1~10fps: 5M-N(1296×1944) – only first and second channel 1~15fps: 1080P(1920×1080) or 4M-N(1280×1440) 1~25fps: 1080N(960×1080) / 720P(1280×720) / 960H(960×576) / D1(704×576) / CIF(352×288)
	Extra stream: 1~15fps: D1(704×576) / CIF(352×288)
IP CAM	16 + additional 8: up to 6Mpx
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	N/A
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, SNMP, 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	
Capacity	1 port SATA, Max 10TB HDD
Additional interfaces	
USB	1 port USB 3.0 in back panel and 1 port USB 2.0 in front panel
RS485	Yes
General	
Power supply	DC 12V / 2A
Power consumption	<15W without HDD
Working environment	-10°C ~+55°C / 10~90%RH / 86~106kpa
Dimensions	1U, 260mm×235mm×47mm(W×D×H)
Weight	1.1kg without HDD

*Parameters depend on firmware version