## BCS-XVR1602-III



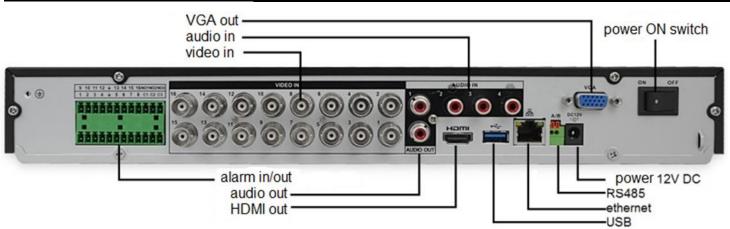
### 16 channel Video Recorder 5-system HDCVI/AHD/TVI/ANALOG/IP



#### 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



# BCS-XVR1602-III



SystemInduction (parameter)Devorating viewHendele processor (palayed, backup, renote accessSystem controlPertagle resistem (were (record, played, backup, renote access)System controlPertagle resistem (were record, played, backup, renote access)Vede standardHouse, netword, renoteVede standardHouse, netword, renoteSystemNoteNoteSystemVede standardVede standardHouse, netword, renoteSystemNoteN	Technical specification		BCS-XVR1602-III
Processor     Enclosed processor       Opending synthe     Verk Opending Line usings, records, playhack, backup, remote access       Synthe notified processor     Mouse network, remote access       Synthe notified processor     Mouse network, remote access       Vedeo Indust     Notified processor       Sequence     Vescord       Processor     Addo       Sequence     Secure       Processor     Addo       Sequence     Secure       Processor     Inferom       Secure     Notified processor       Secure			
Operating syster     LHNX       Findions     Makes, network, remote were, record, playback, backup, remote access       Webs Standard     Makes, network, remote       Webs Standard     HOV/VAH0/TVVAHALOG/IP       Webs Standard     18       Video input     18       Webs Standard     1900/VAH0/TVVAHALOG/IP       Recotaling     1900/VAH0/TVVAHALOG/IP       Sequencity     1900/VAH0/TVVAHALOG/IP       Sequencity     Ves       Privacy mask     4       Obj     Camera Stile, time, video loss, camera lock, motion detect, recording       Audio     1       Inserved     1900/VAH0/TVVA	-		Embedded processor
Functionary     Perceptionary encode query actionary generationary actionary ac			
Mdex Standard     HRCV/AND/TV/AND/G/P       Video input     16       Video input/L     1900-1080,1280 +1024,1280-720       Malti-screen displar     1900-1080,1280 +1024,1280-720       Multi-screen displar     1900-1080,1280 +1024,1280-720       Multi-screen displar     14/08/716 (1/4/8/7/16/15/15 in additional IP CAM mode )       Sequence     Ves       Privacy maxit     Came othe, time, wideo loss, cames lost, motion detect, recording       Audio     1       Optub     1       Too way ommunication     1       Necording     1.255 / 1.256 /			Pentaplex: real-time view, record, playback, backup, remote access
Makes Jourdard     HOV/AMD/WANLOG/P       Video Standard     16       Video fungart     1900-1060, 1280-1024, 1280-720       Kasolution     1900-1060, 1280-1024, 1280-720       Multi screen diguart     1900-1060, 1280-1024, 1280-720       Sequence     Yek       Privery may     4       Output     4       Output     4       Output     4       Output     4       Output     4       Output     1       Too wordmunication     Herrorn       Recording     1255: 1500(91920-1080) lub 4M N1280.1440)       1255: 1500(91920-1080) lub 4M N1280.1440)     12555: 1500(91920-1080) lub 4M N1280.1440)       12555: 1500(91920-1080) lub 4M N1280.1440)     12555: 1500(91920-1080) lub 4M N1280.1440)       12555: 1500(91920-1080) lub 4M N1280.1440)     12555: 1500(91920-1080) lub 4M N1280.1440)       12555: 1500(91920-1080) lub 4M N1280.1440)     12555: 1500(91920-1080) lub 4M N1280.1440)       12555: 1500(91920-1080) lub 4M N1280.1440)     12555: 1500(9120-1080) lub 4M N1280.1440)       12555: 1500(9120-1080) lub 4M N1280.1440)     12555: 1500(9120-1080) lub 4M N1280.14400       Recording IL     Manual Achedue (re			
Video input     Ho/CV/AHD/TQ/ANALOG/P       Video input     Ib       Video input     190-1000.1960.1050.1050.1050.1050.1050.1050.1050.10	Video /Display		
Index Transmit     1100AI, 1 VGA       Record indipaty     1920-1089, 1 280 × 1204, 1280 × 1204       Multiscreen dipaty     1926-1089, 1 280 × 1204, 1280 × 1204       Sequence     Ves       Privacy mask     4       OSD     Camera title, time, video loss, camera lock, motion detect, recording       Multio     Intercom       Recording     4       Output     1       New xy communication     Intercom       Recording     1       Compression Video/Audio     1.255 / 1.255 / 1.256 / 1.264 / 1.264 / 1.264 / 1.2541     AC(only first channely/G.711a/S.711a/PCM       Recording     11.555 : 10200-556 / OF (1520-2280)     1000 / 100			HDCVI/AHD/TVI/ANALOG/IP
Vedeo cubuito     1920-0180, 1280-120, 1280-720       Resolution     1/4/8/9/16/21/8/07/6/25 in additional IP CAM mode 1       Sequency     Yes       Privacy mask     Yes       Privacy mask     Yes       OSD     -     A       OSD     -     A       Ost     -     A       Ost     -     A       Ost     -     A       Ost     -     -       Ost     -     -       Ost     -     -       Ost     -     -     -       Ost     -     -     -       Ost     -     -     -       Ost     -     -     -     -       Ost     -	Video input		16
Multi screen discuir4/4/8/9/16 (1/4/8/9/16/25 in additional IP CAM mode )SequenceYesPrivacy maskKesOSDComma tile (, time, video loss, camera lock, motion detect, recordingMultiSequenceInput1Sequence1Too var, comma tile (, time, video loss, camera lock, motion detect, recordingNotation ()1Sequence1RecordingIntercomRecording1Recording1Sequence1Recording1Sequence1Recording1Sequence1<	· · ·		1 HDMI, 1 VGA
Multi screen discuir4/4/8/9/16 (1/4/8/9/16/25 in additional IP CAM mode )SequenceYesPrivacy maskKesOSDComma tile (, time, video loss, camera lock, motion detect, recordingMultiSequenceInput1Sequence1Too var, comma tile (, time, video loss, camera lock, motion detect, recordingNotation ()1Sequence1RecordingIntercomRecording1Recording1Sequence1Recording1Sequence1Recording1Sequence1<	Resolution		1920×1080, 1280 ×1024, 1280×720
Sequence     Yes       Privacy mask     4       Comera title, time, video loss, camera lock, motion detect, recording     Comera title, time, video loss, camera lock, motion detect, recording       Audio     I     4       Output     I     4       Output     I     1       For any detained in the com     Intercom     Intercom       Compression Window     Intercom     Intercom       Compression Window     Intercom     Intercom       Recording     Intercom     Intercom       Recording     Intercom     Intercom       Recording     Intercom     Intercom       Recording prior Window     Intercom     Intercom       Record mode     Xamal, schedule (requiser, continuous), M0 (video detection: motion detection, video loss, tampering) alarm, stope       Record mode     Xamal, schedule (requiser, continuous), M0 (video detection: motion detection, video loss, tampering) alarm, stope       Record mode     Xamal, schedule (requiser, continuous), M0 (video detection: motion detection, video loss, tampering) alarm, stope       Record mode     Xamal, schedule (requiser, continuous), M0 (video detection: motion detection, video loss, tamapering) alarm, stope       <	Multi-screen dis	splay	
Princy max     4       OSD     Camera Uile, Line, video loss, camera lock, motion detect, recording       Adu/        Input     4       Ottput     1       Two way ommune     1       Recording     Intercom       Compression View/Audio     H265 / H265 / H265 / H264 / H264 / H264 / H264 / H264 / M264 / M26	Sequence		
OSD     Camera title, time, video loss, camera lock, motion detect, recording       Audio     4       Compression Video detect, intercom     4       Output     1       Two way communic     Intercom       Recording     H.265 / H.264 /	-		4
Audio     Input     4       Input     4       Output     1       Two way communication     Intercom       Recording     H265 / H265 / H264 / H264 / H264 / H264 / A264 / A266 / A26	-		Camera title, time, video loss, camera lock, motion detect, recording
Input     4       Output     Intercom       New avy communication     Intercom       Recording     Harborn       Compression     Harborn       Compression     Harborn       Compression     Harborn       Recording     Harborn       Particle     Harborn       Main stream:     1155p: 1080P(1920-1080) (Jab 4M-M(1280x1440)       1-155p: 1080P(1920-1080) / 720P(1280-720) / 960H(80c-9576) / D1(704x576) / HD1(352x576) / BCIF(704x288) / CIF(352x288)       Bitrate     Harborn       Recording priorit     Manual, schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop       Recording priorit     Manual, schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop       Recording priorit     Manual schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop       Recording priorit     Manual schedule (regular, continuous), MD (video detection: motion detection       Video detect / Jams     Zones: 396 (22:18) areas, sensitivity, threshoid       Video destect / Jams     Zones: 396 (22:18) areas, sensitivity, threshoid       Video destect / Jams     Yons (Jata Jams)       Vide			
Output     1       Two way communication     Intercom       Recording     Intercom       Recording intercom     Recording intercom       Recording intercom     Stat4klps per channel       Recording intercom     Manual, Schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop       Recording intercom     Manual X-Motion detection     Manual X-Motion detection       Trigger events     Recording, PTZ, tour, alarm out, video push, email, FTP, snapshot, buzzer, screen tips       Motion detection     Zones: 396 (2x48), areas, sensitivity, threshold       Video detext, Turing X-Manu     Manual X-Motion detection; motion sile, previous file, next camera, previous camera, fuli screen, repeat, shuffle, backup selection, digital zoom       Pisyback     1/4/9/16       Search mode     Yes       Hob			4
Two way com munication     Intercom       Recording     Intercom       Recording     Main stream:     1~15fps: 1080P(91200-1080) lub 4M-4(1280x1440)       1~25fps: 1080P(960-1080) / 720P(1280x720) / 960P(960x576) / D1(704x576) / HD1(352x576) / BCIF[704x288] / CIF[352x288]       Pristate     1~15fps: 1080P(91200-1080) lub 4M-4(1280x1440)       1~25fps: 1080P(960-1080) / 720P(1280x720) / 960P(960x576) / D1(704x576) / HD1(352x576) / BCIF[704x288] / CIF[352x288]       Bitrate     375144Kbps per channel       Record ing priority     Manual, schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarn, stop       Record ing priority     Manual Motion detect/Continuous       Kecord ing priority     Manual Motion detect/Continuous       Video detect / Alarm     Triego min, (default: 60 min.), Pre-record: 1^0 30 s., Post-record: 10° 300 s.       Video detect / Alarm     Recording, PTZ. tour, alarm out, video push, email, FTP, snapshot, buzzer, screen tips       Video loss, tampering     Yes       Alarm in/out     14/9/16       Search mode     14/9/16       Playback Kong selection, digit zoom       Backup     USB, network download       Network     Ves       Beroris Seard Modi     Yes			1
Recording     Yes       Compression Victory     H265 / H.265 / H.264 / H.264 / H.264 / H.264 / H.264 / M.264 / M.266 / M.200 / T20 FL320 / S00 / T20 FL320 / S00 / S00 / T20 FL320 / S00	· · · · · · · · · · · · · · · · · · ·		
Compression Video/Audio     H.265 / H.264 / H.264 / H.264 / H.264 / H.264 H. AC(onty first channel)/G.711a/G.711a/PCM       Recording resolution     1° 15 firs: 1000P(12)02/1020) Ub 4W- M(1280x1440)       resolution     1° 25 firs: 1000P(12)02/1020) (J20P(1280x720) / 960H(960x56) / D1(704x576) / B1(1704x576) / B1(704x58) / CIF(352x28)       Bitrate     32 ~ 5144(bps per channel       Record mode     Manual, schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop       Record in grionTv     Manual, schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop       Record in grionTv     Manual, schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop       Motion detect/     Anzual, schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop       Manual >Motion detection     Zones: 396 (22x18), areas, sensitivity, threshold       Notion detection     20 fors: 396 (22x18), areas, sensitivity, threshold       Video loss, tampering     Yes       Playback sub cond     16/3       Playback functions     16/9 / 16       Search mode     11/9/9/16       Backup     USs, network for workida       Playback sub cond, dist play, slow play, next file, previous file, next camera, previ			
Recording resolution   Main stream:   1*15fps: 1080P(1920+1080) /t20P(1280+720) / 960H(960+576) / D1(704+576) / HD1(352×576) / BCIF(704+288) / CIF(352×288)     Bitrate   32*15fps: D1(704+576) / CIF(352×288)     Record mode   Manual, schedul (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop     Record interval   1*60 min. (default: 60 min.), Pre-record: 10*30 s.     Video detect. / Marm   1*60 min. (default: 60 min.), Pre-record: 10*30 s.     Video detect. / Marm   20me:: 396 (22x18), areas, sensitivity, threshold     Video loss, tampering   Yes     Alarm in/out   16/3     Playback   1/4/9/16     Search mode   Time/Date, Alarm, MD and exact search (accurate to second)     Playback functions   Play, pases, stop, rewind, fast play, Slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup setrute, or		deo/Audio	H.265 / H.265+ / H.264 /H.264+ / H.264B / H.264H AAC(only first channel)/G.711a/G.711u/PCM
resolution     in::::::::::::::::::::::::::::::::::::	•	Г	
Image: Instance     1:15 fps: D1(704:576) / CIF(352-288)       Birace     32:6144Kbps per channel       Record mode     Manual schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop       Record interval     Manual Motion detect/Continuous       Record interval     1:00 min. (default: 60 min.), Pre-record: 1:0'30 s.       Yideo detect / Jam     1:00 min. (default: 60 min.), Pre-record: 1:0'30 s.       Trigger events     Recording. PTZ, tour, alarm out, video push, email, FTP, snapshot, buzzer, screen tips       Motion detect:     Zones: 396 (22x18), areas, sensitivity, threshold       Video loss, tampering     Yes       Alarm in/out     16/3       Playback and backup     1/4/9/16       Playback and backup selection, digita zoom     Time/Date, Alarm, MD and exact search (accurate to second)       Playback kow pelection, digita zoom     Search mode     Uss, network download       Network     Visko pelection, digita zoom     Search mode       Protocols     Visko, pelection, digita zoom     Search mode       Network     Visko, pelection, digita zoom     Search mode       Network     Visko, pelection, digita zoom     Search mode       Network     Vi	0	Wall Stream.	
Bitrate     32°6144Kbps per channel       Record mode     Manual, schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop       Record interval     1~60 min. (default: 60 min.), Pre-record: 1°30 s., Post-record: 10°300 s.       Video detect / Alarm     Trigger events       Record interval     2.60 min. (default: 60 min.), Pre-record: 1°30 s., Post-record: 10°300 s.       Video detect / Alarm     Cones: 396 (22x18), areas, sensitivity, threshold       Video loss, tampering     Yes       Alarm in/out     16/3       Playback and backup     Inte//Date, Alarm, MD and exact search (accurate to second)       Playback scop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection, digital zoom       Backup     USs, network download       Network     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     2 ports SATA, max 10TB each HDD (20TB in total)       Disc management     Drive monitoring       Additioal interface     Yes       General     Yes       Power consumption     <			
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: 10~30 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     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       Network     Ethernet interface       Port RJ-45 (10/100/1000M)     Preversement       Protocols     HrTP, 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, PT2, playback, settings, download files, search logs       HDD Drive     2 ports SATA, max 10TB each HDD (20TB in total)       Disc management     Drive monitoring <td< td=""><td></td><td>Extra stream:</td><td>1~15fps: D1(704×576) / CIF(352×288)</td></td<>		Extra stream:	1~15fps: D1(704×576) / CIF(352×288)
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     Tringer revents       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     Imme/Date, Alarm, MD and exact search (accurate to second)       Playback functions     Play.pack, and makup, 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 RI-45 (10/100/1000M)     Protocols       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       HDD Drive     2 ports SATA, max 10TB each HDD (20TB in total)       Disc management     Drive monitoring       Additional interface     Yes       General        General        DV     Yes       Gene	Bitrate		32~6144Kbps per channel
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     Video loss, tampering   Yes     Alarm in/out   16/3     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 RI-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   2 ports SATA, max 10TB each HDD (20TB in total)     Disc management   Drive monitoring     Additional interfaces   Power soupply     USB   1 xUSB 2.0 (front) / 1 xUSB3.0 (back)     R5485   Yes     General	Record mode		Manual, schedule (regular, continuous), MD (video detection: motion detection, video loss, tampering) alarm, stop
Video detect / Alarm     Motion       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     Interplate       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     Intre, HTTP, St. 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     2       Disc management     Drive monitoring       Additional interfaces     Yes       USB     1xUSB 2.0 (front) / 1xUSB3.0 (back)       RS485     Yes       General     Interplaymextsmc(WxDxH)       Power supply     DC 12V / 4A       Power supply     DC 12V /	Recording prior	ity	Manual >Motion detect>Continuous
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     Inter/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     Inter/Date, 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     2 ports SATA, max 10TB each HDD (20TB in total)       Disc management     Drive monitoring       Additional interfaces     Yes       General     Yes       Power consumption     <10V - 445	Record interval		1~60 min. (default: 60 min.), Pre-record: 1~30 s., Post-record: 10~300 s.
Motion detectionZones: 396 (22x18), areas, sensitivity, thresholdVideo loss, tamperingYesAlarm in/out16/3Playback1/4/9/16Playback and backupImenzionaPlayback1/4/9/16Search modeTime/Date, Alarm, MD and exact search (accurate to second)Playback functionsPlay, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection, digital zoomBackupUSB, network downloadNetworkImenziona (100/1000/1000/1000/1000/1000/1000/1000	Video detect / Alarm		
Video loss, tamperingYesAlarm in/out16/3Playback and backupPlayback and backupPlayback1/4/9/16Search modeTime/Date, Alarm, MD and exact search (accurate to second)Playback functionsPlay, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection, digital zoomBackupUSB, network downloadNetworkEthernet interfacePort RI-45 (10/100/1000M)ProtocolsHTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, Alarm Server, P2P, IP SearchRemote accessMonitor, PT2, playback, settings, download files, search logsHDD Drive2 ports SATA, max 10TB each HDD (20TB in total)Disc managementDrive monitoringAdditonal interfacesYesGeneralPower consumption<102V / 4A	Trigger events		Recording, PTZ, tour, alarm out, video push, email, FTP, snapshot, buzzer, screen tips
Alarm in/out   16/3     Playback and backup   Playback     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     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   2 ports SATA, max 10TB each HDD (20TB in total)     Disc management   Drive monitoring     Additional interfaces   Yes     General	Motion detection	on	Zones: 396 (22x18), areas, sensitivity, threshold
Playback and backup     I/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       Ethernet interface     Port RI-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     2 ports SATA, max 10TB each HDD (20TB in total)       Disc management     Drive monitoring       Additional interfaces     Yes       General     Yes       Power supply     DC 12V / 4A       Power consumption     -10°C ~+t55°C / 10~90%RH / 86~106kpa       Working environment     -10°C ~+t55°C / 10~90%RH / 86~106kpa       Dinnensions     10 375mmx285mm(X>DX+H)       Weight     1.7kg without HDD	Video loss, tampering		Yes
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 backup selection, digital zoom     Backup   USB, network download     Network	Alarm in/out		16/3
Search modeTime/Date, Alarm, MD and exact search (accurate to second)Playback functionsPlay, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection, digital zoomBackupUSB, network downloadNetworkEthernet interfacePort RJ-45 (10/100/1000M)ProtocolsHTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, Alarm Server, P2P, IP SearchRemote accessMonitor, PTZ, playback, settings, download files, search logsHDD Drive2 ports SATA, max 10TB each HDD (20TB in total)Disc managementDrive monitoringAdditional interfacesUSB1xUSB 2.0 (front) / 1xUSB3.0 (back)R4855YesGeneralPower consumption<10V° < +55°C / 10°90%RH / 86~106kpa	Playback and backup		
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     Proteore       Ethernet interface     Port RJ-45 (10/100/100M)       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     Zports SATA, max 10TB each HDD (20TB in total)       Disc management     Drive monitoring       Additional interfaces     Yes       USB     1xUSB 2.0 (front) / 1xUSB3.0 (back)       Rs485     Yes       Power consumption     C12V / 4A       Power consumption     -10°C ~+5S°C / 10°90%RH / 86°106kpa       Dimensions     103 Zfsmmx285mm(VxDxH)       Weight     1.7kg without HDD	Playback		1/4/9/16
backup selection, digital zoom     backup the backup selection, digital zoom       Backup     USB, network download       Network	Search mode		Time/Date, Alarm, MD and exact search (accurate to second)
NetworkImage: constraint of the system of the s	Playback functions		
Ethernet interfacePort RI-45 (10/100/1000M)ProtocolsHTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, Alarm Server, P2P, IP SearchRemote accessMonitor, PTZ, playback, settings, download files, search logsHDD Drive2 2 ports SATA, max 10TB each HDD (20TB in total)Disc managementDrive monitoringAdditional interfaces1xUSB 2.0 (front) / 1xUSB3.0 (back)RS485YesGeneralDc 12V / 4APower consumption<10W without HDD	Backup		USB, network download
ProtocolsHTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, Alarm Server, P2P, IP SearchRemote accessMonitor, PTZ, playback, settings, download files, search logsHDD Drive2 ports SATA, max 10TB each HDD (20TB in total)Disc managementDrive monitoringAdditional interfaces1xUSB 2.0 (front) / 1xUSB3.0 (back)RS485YesGeneralVesPower supplyDC 12V / 4APower consumption<10W without HDD	Network		
P2P, IP SearchRemote accessMonitor, PTZ, playback, settings, download files, search logsHDD DriveHDD Drive2 ports SATA, max 10TB each HDD (20TB in total)Disc managementDrive monitoringAdditional interfacesUSB1xUSB 2.0 (front) / 1xUSB3.0 (back)RS485YesGeneralPower supplyDC 12V / 4APower consumption<10W without HDD	Ethernet interface		Port RJ-45 (10/100/1000M)
HDD Drive2 ports SATA, max 10TB each HDD (20TB in total)Disc managementDrive monitoringAdditional interfacesUSB1xUSB 2.0 (front) / 1xUSB3.0 (back)RS485YesGeneralPower supplyDC 12V / 4APower consumption<10W without HDD	Protocols		
HDD Drive2 ports SATA, max 10TB each HDD (20TB in total)Disc managementDrive monitoringAdditional interfacesUSB1xUSB 2.0 (front) / 1xUSB3.0 (back)RS485YesGeneralPower supplyDC 12V / 4APower consumption<10W without HDD	Remote access		Monitor, PTZ , playback, settings, download files, search logs
Disc managementDrive monitoringAdditional interfaces	HDD Drive		
Additional interfacesUSB1xUSB 2.0 (front) / 1xUSB3.0 (back)RS485YesGeneralPower supplyDC 12V / 4APower consumption<10W without HDD	HDD Drive		2 ports SATA, max 10TB each HDD (20TB in total)
USB1xUSB 2.0 (front) / 1xUSB3.0 (back)RS485YesGeneral-Power supplyDC 12V / 4APower consumption<10W without HDD	Disc management		Drive monitoring
RS485 Yes   General DC 12V / 4A   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(W×D×H)   Weight 1.7kg without HDD			
General     General       Power supply     DC 12V / 4A       Power consumption     <10W without HDD			1xUSB 2.0 (front) / 1xUSB3.0 (back)
Power supplyDC 12V / 4APower consumption<10W without HDD	RS485		Yes
Power consumption <10W without HDD	General		
Working environment-10°C ~+55°C / 10~90%RH / 86~106kpaDimensions1U 375mm×285mm×55mm(W×D×H)Weight1.7kg without HDD	Power supply		DC 12V / 4A
Dimensions 1U 375mm×285mm×55mm(W×D×H)   Weight 1.7kg without HDD	Power consump	otion	<10W without HDD
Weight 1.7kg without HDD	Working enviro	nment	-10°C ~+55°C / 10~90%RH / 86~106kpa
	Dimensions		1U 375mm×285mm×55mm(W×D×H)
* Parameters depend on firmware version	<b>U</b>		