

Digital Video Recorder



VC-DVR6004

FEATURE

- 4-Channels Embedded Digital Video Recorder
- Real time Operating System on embedded high-speed processor
- Real-time display

Compress Functin

- * Support PAL/NTSC4. 43/NTSC3. 58 video signals
- * The video compression is H. 264, supports VBR as well as CBR
- * Can set up video picture quality and compression yard
- * Separately compress each audio and video signal stream, the compressed audio standard adopts G. 722, the sampled point is: 8K sampled point per second, 16bit per sampled point
- * Compound H264 is produced after compressing video and audio signals, the video and audio keep moving simultaneously and can set up no audio record when playback
- * CIF: there is low definition available
- * 6 kinds of record image quality for choosing, users can select video quality according to the special need, so as to ensure for enough long video time.

Network Function

- * Support TCP/IP agreement (support ARP, RARP, IP, TCP, PPPOE, DHCP, etc.)
- * Support PPPOE, dial automatically again at the same time and support domain name mapping
- * Complete controlling functions from remote client end (users can take control of the DVR from Internet)
- * Can use the special software or Internet Explorer browser to set up parameter through network, look around monitor scenes of any or 8-channel video and audio signals in real time, and PTZ as well
- * Embedded multiple communication protocols, can control PTZ in the end of the host computer and control PTZ, scene and rain brush through network
- * Update through network and achieve long-distance safeguard to help user upgrading for the future maintenance and the functions enlarging

Record Function

- * Support: Manual video, timing video, motion detection and warning video
- * Support the categorized search of manual video, timing video, motion detection and warning video contents
- * Motion detection function: Each video can set up multiple dynamic measuring areas
- * Full screen shielding switch, can achieve full screen shielding of real-time picture and record cannot be shielded when is in

the full screen shielding video

- * Warning record video supports single way or multi-way record individually
- * Client PC can record compressed data stream, support record audio and video signals into the computer directly through Internet
- * Support No.4 record on videotape real-timely, each video parameter can set up alone
- * Support the titles, recording times and dates adding
- * Support record modes (manual video,timing video,motion detection video and warning video) checking

Playback Function

- * Current playback: accurate time playback, search playback the contents of manual video,timing video,motion detection video and warning video
- * Support picture in picture playback
- * Support monitoring and showing pictures at the same time and make no influence on the video content in real time
- * Support the playback modes of 4 ranks of speeding, slowing, playback, pausing, forwarding.
- * Can reach multiple video playback modes through using client manager and make no influence on the real-time picture and video result

Monitor in Real Time Function

- * Support the local monitor and local VGA
- * Support the regulation of each video parameter (luminance, contrast rate, color, degree of saturation)
- * Show the mode switch rapidly, not delayed
- * Embedded multiple communication protocols, can control PTZ, scene and rain bush through the front board or remoter
- * Video motion detection function, each video can set up 64 dynamic measuring areas
- * Offer full screen shielding switch, can achieve the whole shielding of real-time picture, record cannot be shielded when in full screen shielding
- * Support the video playback and in real time monitor at the same time
- * Support the picture poll, can set up poll and poll spacing interval freely according to need
- * Possess WEB SERVER function, support dynamic IP and domain name
- * Can use special software or Internet Explorer browser to set up parameter through Internet, look around monitored scenes of any video and audio signals in real time
- * Support talkback between managing host computer (control center) and network hard disk video recorder (front)
- * Support TV wall function

Technical Specification

Model	VC-DVR6004
Image System	NTSC/PAL
Image resolution ratio	real-time display(704*576),Video compression CIF (352*288)
Video Input	4 Channel BNC(1.0Vp-p,75Ω)
Video output	1 Channel BNC(1.0Vp-p,75Ω) Monitor output or VGA display output
Audio Input	4 Channel (lotus,20-100mv, 10Kohm)

Audio Output	1 Channel (lotus,20-100mv, 1Kohm)
Image compress mode	MPEG4(H.264)
Audio compress mode	G.729
Audio sampling ratio	8K sampling point per second,16 bit per sampling point
The quality of the record	There are 12 in all, from high to low
Operating system	Embedded real-time operating system (RTOS)
Network port	Adaptive Ethernet port of 10M/100M
HDD	Support 4 SATA
Series port	RS232 or RS485
Backup	SATA,Network
Power supply	220+-30% V, 50+-3% HZ
Working temperature	-10 to 55
Working humidity	10%--90%
Power consumption	20W
Dimensions (W*H*D)	440(W) ×435(D) ×96.6(H) mm
Included Accessories	CD X1,IR Remote control X1, Manual X1, AAA Battery X2,

Digital Video Recorder



VC- DVR6008A4

FEATURE

- 8-Channel Embedded Digital Video Recorder
- Real time Operating System on embedded high-speed processor
- Real-time display

Compress Functin

- * Support PAL / NTSC4.43 / NTSC3.58 video signals
- * The video compression is H. 264, supports VBR as well as CBR
- * Separately compress each audio and video signal stream, the compressed audio standard adopts G. 722, the sampled point is: 8K sampled point per second, 16bit per sampled point
- * Compound H264 is produced after compressing video and audio signals, the video and audio keep moving simultaneously and can set up no audio record when playback
- * CIF: there is low definition available
- * 6 kinds of record image quality for choosing, users can select video quality according to the special need, so as to ensure for enough long video time.

Network Function

- * Support TCP/IP agreement (support ARP, RARP, IP, TCP, PPPOE, DHCP, etc.)
- * Support PPPOE, dial automatically again at the same time and support domain name mapping
- * Complete controlling functions from remote client end (users can take control of the DVR from Internet)
- * Can use the special software or Internet Explorer browser to set up parameter through network, look around monitor scenes of any or 8-channel video and audio signals in real time, and PTZ as well
- * Embedded multiple communication protocols, can control PTZ in the end of the host computer and control PTZ, scene and rain brush through network
- * Update through network and achieve long-distance safeguard to help user upgrading for the future maintenance and the functions enlarging

Record Function

- * Support: Manual video, timing video, motion detection and warning video
- * Support the categorized search of manual video, timing video, motion detection and warning video contents
- * Motion detection function: Each video can set up multiple dynamic measuring areas
- * Full screen shielding switch, can achieve full screen shielding of real-time picture and record cannot be shielded when is in

the full screen shielding video

- * Warning record video supports single way or multi-way record individually
- * Client PC can record compressed data stream, support record audio and video signals into the computer directly through Internet
- * Support No.1 to 8 record on videotape real-timely, each video parameter can set up alone
- * Support the titles, recording times and dates adding
- * Support record modes (manual video,timing video,motion detection video and warning video) checking

Playback Function

- * Current playback: accurate time playback, search playback the contents of manual video,timing video,motion detection video and warning video
- * Support picture in picture playback
- * Support monitoring and showing pictures at the same time and make no influence on the video content in real time
- * Support the playback modes of 4 ranks of speeding, slowing, playback, pausing, forwarding.
- * Can reach multiple video playback modes through using client manager and make no influence on the real-time picture and video result

Monitor in Real Time Function

- * Support the local monitor and local VGA
- * Support the regulation of each video parameter (luminance, contrast rate, color, degree of saturation)
- * Show the mode switch rapidly, not delayed
- * Embedded multiple communication protocols, can control PTZ, scene and rain bush through the front board or remoter
- * Video motion detection function, each video can set up 64 dynamic measuring areas
- * Offer full screen shielding switch, can achieve the whole shielding of real-time picture, record cannot be shielded when in full screen shielding
- * Support the video playback and in real time monitor at the same time
- * Support the picture poll, can set up poll and poll spacing interval freely according to need
- * Possess WEB SERVER function, support dynamic IP and domain name
- * Can use special software or Internet Explorer browser to set up parameter through Internet, look around monitored scenes of any or No. 8 video and audio signals in real time
- * Support talkback between managing host computer (control center) and network hard disk video recorder (front)
- * Support TV wall function

Technical Specification

Model	VC-DVR6008A4
Image System	NTSC/PAL
Image resolution ratio	real-time display(704*576),Video compression CIF (352*288)
Video Input	8 Channel BNC(1.0Vp-p,75Ω)
Video output	1 Channel BNC(1.0Vp-p,75Ω) Monitor output or VGA display output
Audio Input	4 Channel (lotus,20-100mv, 10K75ohm)

Audio Output	1 Channel (lotus,20-100mv, 1K75ohm)
Image compress mode	MPEG4(H.264)
Audio compress mode	G.729
Audio sampling ratio	8K sampling point per second,16 bit per sampling point
The quality of the record	There are 12 in all, from high to low
Operating system	Embedded real-time operating system (RTOS)
Network port	Adaptive Ethernet port of 10M/100M
HDD	Support 8 parallel IDE & 2 SATA
Series port	RS232 or RS485
Backup	SATA,Network
Power supply	220+-30% V, 50+-3% HZ
Working temperature	-10 to 55
Working humidity	10%--90%
Power consumption	25W
Dimensions (W*H*D)	440(W) ×435(D) ×96.6(H) mm
Included Accessories	CD X1,IR Remote control X1, Manual X1, AAA Battery X2,

Digital Video Recorder



VC-DVR6016A8

FEATURE

- 16-Channel Embedded Digital Video Recorder
- Real time Operating System on embedded high-speed processor
- Real-time display

Compress Functin

- * Support PAL / NTSC4.43 / NTSC3.58 video signals
- * The video compression is H. 264, supports VBR as well as CBR
- * Separately compress each audio and video signal stream, the compressed audio standard adopts G. 722, the sampled point is: 8K sampled point per second, 16bit per sampled point
- * Compound H264 is produced after compressing video and audio signals, the video and audio keep moving simultaneously and can set up no audio record when playback
- * CIF: there is low definition available
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Network Function

- * Support TCP/IP agreement (support ARP, RARP, IP, TCP, PPPOE, DHCP, etc.)
- * Support PPPOE, dial automatically again at the same time and support domain name mapping
- * Complete controlling functions from remote client end (users can take control of the DVR from Internet)
- * Can use the special software or Internet Explorer browser to set up parameter through network, look around monitor scenes of any or 8-channel video and audio signals in real time, and PTZ as well
- * Embedded multiple communication protocols, can control PTZ in the end of the host computer and control PTZ, scene and rain brush through network
- * Update through network and achieve long-distance safeguard to help user upgrading for the future maintenance and the functions enlarging

Record Function

- * Support: Manual video, timing video, motion detection and warning video
- * Support the categorized search of manual video, timing video, motion detection and warning video contents
- * Motion detection function: Each video can set up multiple dynamic measuring areas
- * Full screen shielding switch, can achieve full screen shielding of real-time picture and record cannot be shielded when is in the full screen shielding video

- * Warning record video supports single way or multi-way record individually
- * Client PC can record compressed data stream, support record audio and video signals into the computer directly through Internet
- * Support No.1 to 16 record on videotape real-timely, each video parameter can set up alone
- * Support the titles, recording times and dates adding
- * Support record modes (manual video,timing video,motion detection video and warning video) checking

Playback Function

- * Current playback: accurate time playback, search playback the contents of manual video,timing video,motion detection video and warning video
- * Support picture in picture playback
- * Support monitoring and showing pictures at the same time and make no influence on the video content in real time
- * Support the playback modes of 4 ranks of speeding, slowing, playback, pausing, forwarding.
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Monitor in Real Time Function

- * Support the local monitor and local VGA
- * Support the regulation of each video parameter (luminance, contrast rate, color, degree of saturation)
- * Show the mode switch rapidly, not delayed
- * Embedded multiple communication protocols, can control PTZ, scene and rain bush through the front board or remoter
- * Video motion detection function, each video can set up 64 dynamic measuring areas
- * Offer full screen shielding switch, can achieve the whole shielding of real-time picture, record cannot be shielded when in full screen shielding
- * Support the video playback and in real time monitor at the same time
- * Support the picture poll, can set up poll and poll spacing interval freely according to need
- * Possess WEB SERVER function, support dynamic IP and domain name
- * Can use special software or Internet Explorer browser to set up parameter through Internet, look around monitored scenes of any or No. 16 video and 8 audio signals in real time
- * Support talkback between managing host computer (control center) and network hard disk video recorder (front)
- * Support TV wall function

Technical Specification

Model	VC-DVR6016A8
Image System	NTSC/PAL
Image resolution ratio	real-time display(704*576),Video compression CIF (352*288)
Video Input	16 Channel BNC(1.0Vp-p,75Ω)
Video output	1 Channel BNC(1.0Vp-p,75Ω) Monitor output or VGA display output
Audio Input	8 Channel (lotus,20-100mv, 10Kohm)
Audio Output	1 Channel (lotus,20-100mv, 1Kohm)

Alarm input	9 alarm input
Alarm output	4 alarm output
Image compress mode	MPEG4(H.264)
Audio compress mode	G.729
Audio sampling ratio	8K sampling point per second, 16 bit per sampling point
The quality of the record	There are 12 in all, from high to low
Operating system	Embedded real-time operating system (RTOS)
Network port	Adaptive Ethernet port of 10M/100M
HDD	Support 8 parallel IDE & 2 SATA
Series port	RS232 or RS485
Backup	SATA, Network
Power supply	220+/-30% V, 50+/-3% HZ
Working temperature	-10 to 55
Working humidity	10%--90%
Power consumption	30W
Dimensions (W*H*D)	440(W) ×435(D) ×96.6(H) mm
Included Accessories	CD X1, IR Remote control X1, Manual X1, AAA Battery X2,

Low Cost 16Channel Digital Video Recorder



VC-2016DVR4A

Features

Full Triplex Function – Record/Playback/Network at the Same Time

Allow Real time Display & Recording

- ☐ Recording Speed 100fps (PAL) 120fps(NTSC)
- ☐ Motion Detection
- ☐ 4 Audio In / 1 Audio Out
- ☐ M-JPEG Compression method
- ☐ Net viewer Software
- ☐ USB Port PC Backup
- ☐ CD-R/W Backup
- ☐ Specialty STILL Controller, search data fast more, convenient
- ☐ IR Remote Controller

Model	VC-2016DVR4A
Image System	PAL/NTSC
Image resolution	720 x 480 (576), 720 x 240 (288), 320 x 240 (288)
Video Input	16 Channel BNC(1.0Vp-p,75Ω)
Video output	16CH <i>loopin output</i> 2CH Monitor output (1.0Vp-p,75Ω) BNC 1 CH S-VIDEO
Audio Input	4ch –8db 22k Ω RCA (1 PORT for recording)
Audio Output	1ch –8db 3k Ω, RCA
Alarm input	16 CH(RELAY)
Alarm output	1CH
Image compress mode	M-JPEG (15KB/Field @ HIGH, NTSC)

Recording Time	1680 hours/40G(320X240)
Recording Mode	Manual Event Alarm Motion Schedule full-time
Recording Speed	60 (50) Frame/sec, 720 x 240 (288) 120 (100) Frame/sec, 320 x 240 (288)
Display Resolution	720X756Real time Display
Display mode	Full ,4/8/9/13/16 Division, Circulate Auto Switcher
Motion Detect	5-phase sensitivity adjustment, 16 x 12 Motion Area
	Record/Playback/Network at the Same Time
Network port	LAN ADSL TCP/IP Protocol
Storage Capacity Supported	All capacities of hard disks currently released (24Bit, 48Bit supported, two hard disks)
Series port	RS232 or RS485
Secrete Function	Password protection
Backup	Network Backup (stored on Network Viewer) Possible to save into M-JPEG and avi Live/PB selection and storage irrespective of the screen output of the system
	USB Storage Backup Can save moving and still images to USB Flash/HDD CD-R/W Backup (optional)
PTZ Control	Pan / Tilt / Zoom functions connected to RS-485 PELCO – P PELCO-D
Playback Mode	FF : 2X ~ 32X, REW : 2X~16X
Remote Control	IR Remote
Working temperature	+5° C~+50° C
Working humidity	10%--90%
Power consumption	DC15V/3A (40W)
Dimensions (W*H*D)	380(W) ×395(D) ×65(H) mm
Weight	5.5KG(W/O HDD)
Included Accessories	CD X1,IR Remote control X1,Manual X1, AAA Battery X2,DC Adapter(AC to DC)X1

(ALL Designs and specifications are subject to change without notice.)

MJPEG 4-CH Stand-alone Digital Video Recorder

VC-DVR104
Features:

- * MJPEG hardware compression
- * System: NTSC & PAL system
- * Recording frame rate: NTSC max. 30 fps (quad)
PAL max. 25 fps (quad)
- * Recording modes: auto record, manual, schedule, motion detection
- * Motion detection: area selection & sensitivity adjustment for each camera

Specifications:

Model	VC-DVR104
Compression Format	Modified MJPEG
Video Input / Output	BNC 4-ch input / 1-ch output (Composite)
Display Frame Rate	NTSC: 120fps 4x30fps PAL: 100fps 4x25fps
Recording Frame Rate	NTSC: Max. 30fps 4x7.5fps PAL: Max. 25fps 4x6.25fps
Recording resolution	NTSC: 320x112, 640x224 PAL: 320x136, 640x272
HDD Rack	Fixed, supports up to 250Gbyte HDD

Recording Time	NTSC: 155 hours with 120GB HDD @ 15fps PAL: 194 hours with 120GB HDD @ 12fps
Recording Mode	Auto-record, Motion Detection, Manual, Schedule
Power Adapter	DC 12V, 3A
Dimension (LxWxH)	200mm x 132mm x 80mm
Weight	1.91kg
Included Accessories	Manual X1, DC Adapter(AC to DC)X1

MJPEG 4-CH Stand-alone Digital Video Recorder



VC-DVR104U

Features:

- * High quality color video at 30/25 fps recording/playback quad mode
- * Optional: NTSC and PAL system
- * Recording mode: Continuous, Motion Detection, Sensor activated
- * Motion Detection: Area selection & sensitivity adjustment for each camera
- * Display resolution: NTSC 720x480; PAL 720x576
- * Recording resolution: NTSC 320x112, 640x224
PAL 320x136, 640x272
- * Recording frame rate: NTSC max. 30 fps (quad)
PAL max. 25 fps (quad)
- * PC Backup via USB 2.0 port
- * With auto-switch function
- * With video loss alarm function
- * With power recovery auto-recording function
- * PTZ control
- * IR remote control
- * VGA (optional)

Specifications:

Model	VC-DVR104U
Compression Format	Modified MJPEG
Video Input / Output	BNC 4-ch input / 2-ch output (Composite)
Audio Input / Output	RCA 1-ch input / 1-ch output
Display Frame Rate	NTSC: 120fps 4x30fps PAL: 100 fps 4x25 fps

Recording Frame Rate (Quad Mode)	NTSC: Max. 30 fps (Quad) PAL: Max. 25 fps (Quad)
Recording Frame Rate (Each Mode)	NTSC: Max.7.5 fps (Each) PAL: Max. 6.25 fps(Each)
HDD Rack	Fixed, supports up to 250Gbyte HDD
Recording Time	NTSC: 155 hours with 120GB HDD @ 15 fps PAL: 194 hours with 120GB HDD @ 12 fps
Recording Mode	Continuous, Motion Detection, Sensor activated
Sensors, Alarm	4 Inputs, 1 Output (10 Pin DIP Switch)
USB Port	2.0 Version
P/T/Z	RS485
Remote Controller	Yes, control all functions on front panel
Power Adapter	DC 12V, 5A
Dimension (LxWxH)	315x224x52 mm
Weight	2.65kg

Included Accessories: Manual X1,DC Adapter(AC to DC)X1,Remote controllerx1, USB Cable+CDx1

MJPEG 4-CH Stand-alone Digital Video Recorder



VC-DVR104UN

Features:

- * High quality color video at 30/25 fps recording/playback quad mode
- * Optional: NTSC and PAL system
- * Recording mode: Continuous, Motion Detection, Sensor activated
- * Motion Detection: Area selection & sensitivity adjustment for each camera
- * Display resolution: NTSC 720x480; PAL 720x576
- * Recording resolution: NTSC 320x112, 640x224
PAL 320x136, 640x272
- * Recording frame rate: NTSC max. 30 fps (quad)
PAL max. 25 fps (quad)
- * PC Backup via USB 2.0 port
- * With auto-switch function
- * With video loss alarm function
- * With network function
- * With power recovery auto-recording function
- * PTZ control
- * IR remote control
- * VGA (optional)

Specifications:

Model	VC-DVR104UN
Compression Format	Modified MJPEG
Video Input / Output	BNC 4-ch input / 2-ch output (Composite)
Audio Input / Output	RCA 1-ch input / 1-ch output
Display Frame Rate	NTSC: 120fps 4x30fps

	PAL: 100 fps 4x25 fps
Recording Frame Rate (Quad Mode)	NTSC: Max. 30 fps (Quad) PAL: Max. 25 fps (Quad)
Recording Frame Rate (Each Mode)	NTSC: Max.7.5 fps (Each) PAL: Max. 6.25 fps(Each)
HDD Rack	Fixed, supports up to 250Gbyte HDD
Recording Time	NTSC: 155 hours with 120GB HDD @ 15 fps PAL: 194 hours with 120GB HDD @ 12 fps
Recording Mode	Continuous, Motion Detection, Sensor activated
Sensors, Alarm	4 Inputs, 1 Output (10 Pin DIP Switch)
USB Port	2.0 Version
P/T/Z	RS485
Remote Controller	Yes, control all functions on front panel
Power Adapter	DC 12V, 5A
Dimension (LxWxH)	315x224x52 mm
Weight	2.65kg

Included Accessories: Manual X1,DC Adapter(AC to DC)X1,Remote controllerx1, USB Cable+CDx1