



VCE300 Series - 4/8/16 Channel Pentaplex Network DVR

*Advanced controls
combined with 120 fps
recording capability
(480/120)*

Features

- 4/8/16 channel Pentaplex Network DVR with 120 fps recording capability
- MPEG4 Video Compression for efficient data transfer
- Digi-Client application with Advanced Storage Management (HDD mirroring & disk array)
- VGA, CDRW/DVDRW optical drive support
- Advanced camera and recording control on all channels



Specifications

ITEM	VCE304	VCE308	VCE316
Case	1.5 unit case	1.5 unit case	1.5 unit case
VIDEO			
Video Input Format	NTSC / PAL / AUTO DETECTION		
Operating system	Linux		
Video Input Channels	4CH Composite video (BNC)	8CH Composite video (BNC)	16CH Composite video (BNC)
Video Output	1 Composite video (BNC) / 1 S-Video / 1 VGA / 1 Analog Spot		
Loop Through Output	4CH Composite video (BNC)	8CH Composite video (BNC)	16CH Composite video (BNC)
Input Level	1.0Vp-p±10% Composite		
Main TV Output 1	1.0Vp-p Composite		
Spot monitor output	1.0Vp-p Composite		
Display Resolution	NTSC/PAL	720 x 480(NTSC) / 720x576 (PAL)	
Display frame rate	NTSC	120 fps (4 x 30 fps)	240 fps (8 x 30 fps)
(Total frames/sec)	PAL	100 fps (4 x 25 fps)	200 fps (8 x 25 fps)
Screen Split Control		1 / 4 / 8	1 / 4 / 9 / 16
RECORDING			
Recording frame rate	NTSC	Max. 120 fps (120fps / number of video source = frame rate of each channel)	
	PAL	Max. 100 fps (100fps / number of video source = frame rate of each channel)	
Recording Mode	Manual / Programmed / Event(Sensor, Motion Detection, Video loss)		
Record Resolution	NTSC	360 x 240 (CIF), 720 x 240 (D1/2), 720 x 480 (D1)	
	PAL	360 x 288 (CIF), 720 x 288 (D1/2), 720 x 576 (D1)	
Compression format (Each channel)	MPEG4 - Low: 2KB / frame Fine: 3KB / frame - Superfine: 5KB / frame		
Scheduling	Set up per hour		
Internal EIDE Storage	2 HDDs+1 R-HDD // optional CDRW/DVDRW		
AUDIO			
Compression	ADPCM		
Input Channel	4CH (Connectable to any video channel)		
Input Level	200mVp-p @ 20KOhm		
Live Output	1CH		
SEARCHING & PLAYBACK			
Searching Method	Time / Event / File/ Block / Log		
NETWORK			
Monitoring Environment	Client Software		
Connection	Supporting 16 Clients (16 Units x 16 Clients)		
ALARM			
Sensor Input	4 Port (NC or NO Non-isolated TTL input Ground Common)	8 Ports (NC or NO Non-isolated TTL input Ground Common)	16 Ports (NC or NO Non-isolated TTL input Ground Common)
Alarm Output	4 Ports / NO Isolated Relay Output		
* Motion Detection	Available for each camera Multi Detection Level & Grid(16 X 12)		
CONNECTOR			
Video Input	4 Ports (BNC)	8 Ports (BNC)	16 Ports (BNC)
Loop Through Output	4 Ports (BNC)	8 Ports (BNC)	16 Ports (BNC)
Audio Input (mono)	RCA 4 ports (White)		
Audio Output (mono)	Line Output, RCA 1 Port (Red)		
Main Monitor Output	Composite	1 port (BNC)	
	S-Video	4 pins mini DIN	
	VGA	15 pins female DSUB	
Spot Monitor Output	1 port (BNC)		
Sensor Input	4CH	8CH	16CH
Alarm Output	8 pins Terminal Block(4 NO Relay Output)		
External Control (RS-232C)	9 pins male DSUB		
Firmware upgrade	USB , Network		
External Control (RS-485)	3 pins Terminal Block		
IEEE 1394	N/A		
USB 2.0	3 ports		
Ethernet	RJ-45, 10Mbps / 100Mbps		
ELECTRICAL			
Power Source	DC12V, 7A		
Power Consumption	Appx. 50Watt		
ENVIRONMENTAL			
Operating Temp.	+5 - +40°C		
Storage Temp.	+5 - +60 °C		
Humidity	30 - 80 %RH (non-condensing)		
PHYSICAL			
Dimension(W) x(H) x(D)mm	420(W)x66(H) x410(D) mm		
Weight	Appx. 4.5kg / 10 lbs		
OTHERS			
OSD Language	(English, Japanese, Chinese, Korean, French, Portuguese, Spanish, Polish, Russian)		
Remote Controller	Yes		

Models & Configurations:

VCE304161 - 4 Ch. Network DVR with 160 GB HDD

VCE304301 - 4 Ch. Network DVR with 300 GB HDD

VCE304401 - 4 Ch. Network DVR with 400 GB HDD

VCE308161 - 8 Ch. Network DVR with 160 GB HDD

VCE308301 - 8 Ch. Network DVR with 300 GB HDD

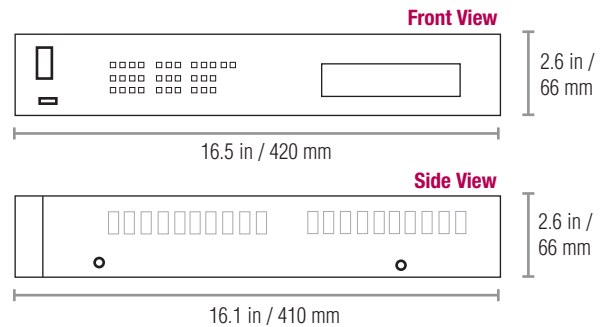
VCE308401 - 8 Ch. Network DVR with 400 GB HDD

VCE316161 - 16 Ch. Network DVR with 160 GB HDD

VCE316301 - 16 Ch. Network DVR with 300 GB HDD

VCE316401 - 16 Ch. Network DVR with 400 GB HDD

Dimensions:



Back Jack Panel:

