

# SentiO VCE400 Series – 4 / 8 / 16 Channel Pentaplex Network DVR



- 4 / 8 / 16 Channel Penta-plex Network DVR
- Up to 480 FPS Live View & 480 FPS Record Capability
- D1 Resolution @ 30fps x 4 Channel
  - @ 15 fps x 8 Channels
  - @ 7.5 fps x 16 Channels
- Mpeg 4 Video Compression for Efficient File Transfer
- VGA, CDRW / DVDRW Optical drive Support
- HDD Mirroring & Disk Array
- Client Application with Advanced Storage Management
- Supports more than 2Tb internal Data Storage
- Rack Mountable
- Reliable VMD (Video Motion Detection)
- Advanced Camera & Recording Control on all Channels

## Maximum performance & flexibility (480/480)

The VCE400 Series brings real time (480 fps viewing and recording), MPEG4 and an range of data storage options (up to 3 TB internal, 19.5 external, CD-RW/DVD-RW and true USB) to the most demanding project.

- VCE404161** – 4 Channel Network DVR with 160Gb HDD
- VCE404301** – 4 Channel Network DVR with 300Gb HDD
- VCE404401** – 4 Channel Network DVR with 400Gb HDD
- VCE408161** – 8 Channel Network DVR with 160Gb HDD
- VCE408301** – 8 Channel Network DVR with 300Gb HDD
- VCE408401** – 8 Channel Network DVR with 400Gb HDD
- VCE416161** – 16 Channel Network DVR with 160Gb HDD
- VCE416301** – 16 Channel Network DVR with 300Gb HDD
- VCE416401** – 16 Channel Network DVR with 400Gb HDD



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## Specifications

ITEM	VCE404	VCE408	VCE416	
Case	2.0 unit case	2.0 unit case	2.0 unit case	
<b>VIDEO</b>				
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 (Total frames/sec)	NTSC 120 fps (4 x 30 fps) PAL 100 fps (4 x 25 fps)	240 fps (8 x 30 fps) 200 fps (8 x 25 fps)	480 fps (16 x 30 fps) 400 fps (16 x 25 fps)	
Screen Split Control	1 / 4	1 / 4 / 8	1 / 4 / 9 / 16	
<b>RECORDING</b>				
Recording Rate	NTSC	360x240 120fps	360x240 240fps	360x240 480fps
		720x240 120fps	720x240 120fps	720x240 240fps
		720x480 120fps	720x480 60fps	720x480 120fps
	PAL	360x288 100fps	360x288 200fps	360x288 400fps
		720x288 100fps	720x288 100fps	720x288 200fps
		720x576 100fps	720x576 50fps	720x576 100fps
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	4 HDDs+1 R-HDD=5 HDD // optional CDRW/DVDRW			
<b>AUDIO</b>				
Compression	ADPCM			
Input Channel	4 Ch	8 Ch	8 Ch	
Input Level	200mVp-p @ 20KOhm			
Live Output	1CH			
<b>SEARCHING &amp; PLAYBACK</b>				
Searching Method	Time / Event / File/ Block / Log			
<b>NETWORK</b>				
Monitoring Environment	Client Software			
Connection	Supporting 16 Clients (16 Units x 16 Clients)			
<b>ALARM</b>				
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)			
<b>CONNECTOR</b>				
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			
USB 2.0	3 ports			
Ethernet	RJ-45, 10Mbps / 100Mbps			
<b>ELECTRICAL</b>				
Power Source	DC12V, 7A			
Power Consumption	Appx. 50/50/60Watt (4/8/16ch)			
<b>ENVIRONMENTAL</b>				
Operating Temp.	+5 - +40°C			
Storage Temp.	+5 - +60 °C			
Humidity	30 - 80 %RH (non-condensing)			
<b>PHYSICAL</b>				
Dimension(W)x(H) x(D)mm	420(W)x66(H) x410(D) mm			
Weight	Appx. 8.0kg / 17.6 lbs			
<b>OTHERS</b>				
OSD Language	(English, Japanese, Chinese, Korean, French, Portuguese, Spanish, Polish, Russian)			
Remote Controller	Yes			

\*

Design & specifications Subject to Change without Notice

## Dimensions:

