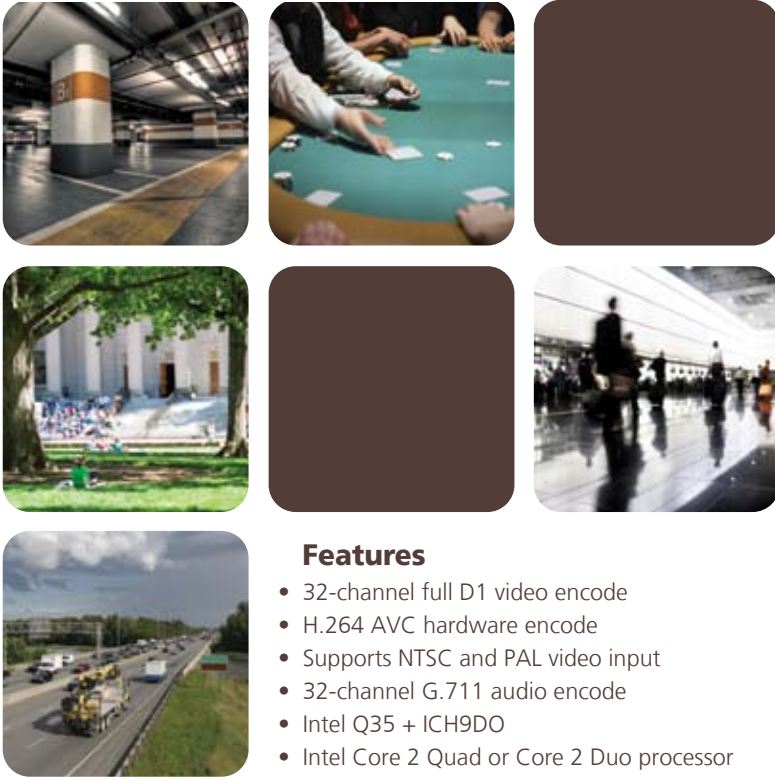


VR-4832

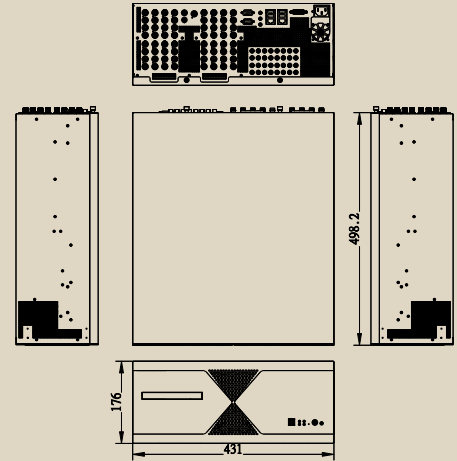
32 Channel H.264 AVC Hybrid DVR



Features

- 32-channel full D1 video encode
- H.264 AVC hardware encode
- Supports NTSC and PAL video input
- 32-channel G.711 audio encode
- Intel Q35 + ICH9DO
- Intel Core 2 Quad or Core 2 Duo processor
- Up to 4GB DDR2 memory
- Up to eight internal hard drives with RAID
- 8 alarm-input and 8 relay-output / 1 RS-485 / 12V DC output
- Dual gigabit Ethernet
- Scalable Video Coding (SVC)

MECHANICAL DRAWING



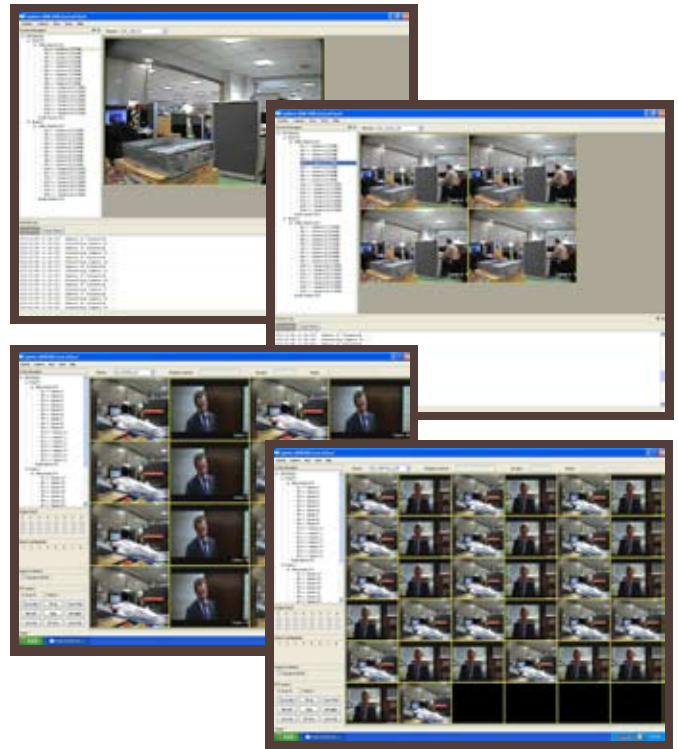
Applications

- Hybrid DVR
- Distance Learning
- Content Creation and Delivery
- Video Broadcasting
- Video Surveillance
- Video Analytics
- Video on Demand



FEATURE	DESCRIPTION		
Form Factor	4U Rackmount		
H.264 Video	Compression	H.264/AVC codec	
	Video Input	32 x BNC inputs, 1.0Vp-p normal range 0.5~1.35Vp-p	
	Video Output	1Vp-p at 75 Ohms	
	Resolution	32-channel full D1 resolution 720 x 480 NTSC, 720 x 576 PAL	
	Frame Rate	NTSC: 480FPS / PAL: 400FPS	
Audio (optional)	Compression	G.711	
	Input/Output	32 channel, 1Vp-p, 10Kohms input, 1 Vrms output	
Platform	Processor	Supports Intel Core 2 Duo and Core 2 Quad CPUs, LGA775 x 1	
	Chipset	Intel Q35 + ICH9DO	
	HDD Bays	8 internal 3.5" SATA II HDD bays	
Storage	CD-ROM	Slim DVD-RW	
	Onboard RAID	Intel Rapid Recovery, RAID 0, 1, 10, 5 (Windows only), supports up to 6 SATA II HDDs	
	Optional RAID	1 PCI-E (x1) using (x4) slot for RAID adapter	
	SATA DOM	Supports 1 internal SATA DOM	
System Memory	Technology	Dual-channel DDR2 DIMM 800/667 MHz	
	Max Capacity	4GB	
	Socket	240P DIMM x 2	
OS Supported	Microsoft Windows XP Ubuntu Linux 8.04 Fedora 10 CentOS 5.2		
Networking	Ethernet Ports	RJ45 x 2 GbE (Intel 82573L)	
	PTZ Control	2 x RS-485 for PTZ	
Alarm/PTZ	Alarm Interface	16 alarm-input and 16 relay-output (terminal blocks)	
I/O Interface	Serial	1 x High-Speed UARTs 16550	
	USB 2.0	6	
	Video Output	D-Sub 15-pin VGA out	
		Sequence monitor via BNC connector	
		1 x S-Video or 1 x RCA for TV-Out	
	DVI	32 channel video looping via BNC connectors SVDO to DVI transmitter for DVI-D output	
Audio Jacks	Line In, Line Out, Mic In		
Expansion	PCI-E Slot	1 x PCI-E (x1) for independent expansion card or RAID card	
Cooling	Processor	1U CPU heatsink	
	System	5 cooling fans with Smart Fan support	
Environmental Parameters	Temperature, ambient operating	0°C ~ 40°C	
	Temperature, ambient storage	-20°C ~ 70°C	
	Humidity (RH), ambient operating and non-operating	5 ~ 95%, non condensing	
Miscellaneous	Watchdog, Hardware Monitor, Internal RTC with Li Battery	Yes	
Physical Dimensions	Dimensions (WxHxD)	431 x 176 x 498 mm (16.97 x 6.93 x 19.61")	
	Net Weight	20.2 kg (44.53 lbs)	
Power	Type / Watts	350 Watts	
	Input	AC 90~264V at 47~63Hz	
	Output	DC-12V x 1, 1A	
Compliance	CE Emission, FCC Class A, RoHS		
Software	Application	EyeShot 2000 Control Panel (Windows XP)	
	SDK	Linux, Windows	
Ordering Information	Recommended System Configuration	32-channel network video platform with Intel E5300 CPU, 2GB memory, 1-500GB HDD, XP Home	
	VR-48321	32-channel network video platform, barebone	

EYESHOT 2000 CONTROL PANEL



Software Features

- Motion Detection
- Video Loss Detection
- Scalable Video Coding (SVC)
- Night Detection
- RAW Data Preview

SDK Features

- Encode and Alarm I/O
- Streaming
- Decode
- Display (X-Window for Linux, DirectDraw for Windows)
- RS-485 Control

SDK OS Support

- Windows XP
- Linux: Ubuntu 8.04, Fedora 10, CentOS 5.2

About Lanner

Founded in 1986 and publicly listed (TAIEX: 6245) since 2003, Lanner Electronics Inc. is an ISO 9001 certified designer and manufacturer of reliable, frontline network security, network video and applied computing platforms. With headquarters in Taipei, Taiwan and branches in the U.S. and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

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