CE-R16S 16 Channel Analog 960H DVR

SHADOW
Digital Video Recorder

CE-R16S

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The Shadow series represents a breakthrough in DVR design, performance, and cost. It's truly a 960H workhorse loaded with features that until now were only found on high end DVRs.

CE-R16S Features:
» **Record video: 480 FPS at 960H (30 FPS per channel)**
» **HDMI, VGA, and BNC main monitor outputs**
» **BNC main can be configured as spot monitor output**
» **Back-up to HDD, USB, or PC via SMS remote software**
» **1 TB SATA HDD comes standard, larger HDD options available**
» **Rack Mountable**
» **UL Listed**

CE-R16S HDD Options:
» **CE-R16S/1000 (1 TB HDD - Standard)**
» **CE-R16S/2000 (2 TB HDD)**
» **CE-R16S/3000 (3 TB HDD)**

Universal Clinton DVR Features:
» **Stand-alone Linux ASIC system**
» **Redundant operating system on flash memory and hard drive**
» **Embedded remote player on video file for PC viewing; no software installation**
» **Search by channel, time, date, motion, event, or new museum search feature**
» **Multiple recording rates for schedule, motion, event, time, and day**
» **Pentaplex operation: simultaneous Live, Record, Playback, Network, and Backup**
» **E-mail notification, pop-up window, log file**
» **Panorama search frame-by-frame**
» **View live & recorded content with the CEC Connect (iOS & Android) App**
» **Gigibit network**
» **Dual streaming support**
» **Digital zoom in live view & playback**
» **Web Browser: Windows & Mac**
» **Protocol: Static IP, DHCP & DDNS (free)**
» **SMS remote software included**

RECORDING	
Speed	480 FPS Global (30 FPS per Channel)
Resolution	960H, D1, $\frac{1}{2}$ D1
Quality	Highest / High / Normal / Low
DISPLAY	
Video In	16CH (BNC)
Video Out (MAIN)	1 HDMI , 1 VGA, 1 BNC
Video Out (SPOT)	MAIN BNC can be configured as SPOT
Live View	480 FPS (Real Time)
Multi Screen Display	1 / 4 / 7 / 9 / 10 / 13 / 16
CONNECTIONS	
Audio In / Out	2 In / 1 Out
Alarm In / Out	n/a
USB	2 USB Ports (Rear)
PTZ / Keyboard	1 RS485
eSATA	n/a
Ethernet	1 RJ-45 100/1,000 Mbps Ethernet
SEARCH	
Speed	x1, x2, x4, x8, x16
Quick / Event Search	Search by time with calendar / Search by event
Repeat Search	Select specific time period and playback repeatedly
Panorama Search	Search frame by frame
Museum Search	Search by selected area
SYSTEM	
Standard HDD	1 TB
Optional HDDs	2 TB, 3 TB (2 HDD Slots)
Back-Up	HDD, USB, or PC via SMS Remote Software
Operating System	Embedded Linux
Video Codec	H.264 Enhanced Compression Method
Audio Codec	ADPCM
File Format	Proprietary DVR Format
User Control	Remote Control or USB Mouse
PTZ Support	Control Through USB Mouse / Multiple Protocols Recognized: Clinton, Pelco, Panasonic, Kalatel, etc...
Network Bandwidth	8 Mbps - 50kbps, SMS 1Mbps min.
Language	English, Korean, Japanese, Chinese, Russian, French, German, Italian, Taiwan, Spanish, Portuguese
GENERAL	
Operation Temp / Humidity	32°F - 104°F / 20% RH - 80% RH
Power Requirement	DC12V/5A
Power Consumption	15 Watts Max ± 10%
Dimensions	13.77" x 10.15" x 2.75"
Weight (no HDD)	4.08 lbs

CE-R16S Connections: