

# VR4HTD1 / VR8HTD1 / VR16HTD1

4 / 8 / 16 Camera Analog Embedded DVR

**ANALOG**  
**D1**



VR4HTD1



VR8HTD1



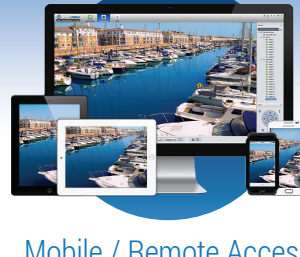
VR16HTD1



**Easy Playback**  
Calendar Search &  
Selectable Time Bars.



**Recording Schedule**  
Set Times, Dates &  
Camera Options



**Mobile / Remote Access**  
Access DVR Using Optiview  
VMS & Mobile Apps.



**Ample Storage**  
1 HDD Bay for up to  
4TB of Internal Storage.

## Overview

VR-HTD1 Series Analog DVRs displays live feeds at up to 1080P resolution and records at up to D1. This DVR series has 4 BNC audio inputs and a single output; which supports Two-way Talk. There is plenty of room for your recording with storage capacity of up to 4TB. These DVRs can be paired with high resolution analog cameras using twisted pair or Siamese coaxial cable & fiber.

## Features

- 4 / 8 / 16 Video Inputs & 4 Audio Inputs
- D1 (704 × 576) Real-Time Recording
- 1080P Video Output (HDMI, VGA)
- All Channel Sync Real-Time Playback

## Specifications

Model	VR4HTD1	VR8HTD1	VR16HTD1
Main Processor / Operating System	Embedded Processor / Embedded LINUX		
Video (Input / Output)	4 × BNC / 1 × HDMI, 1 × VGA, 1 × BNC	8 × BNC / 1 × HDMI, 1 × VGA, 1 × BNC	16 × BNC / 1 × HDMI, 1 × VGA, 1 × BNC
Audio (Input / Output)	4 × RCA / 4 × RCA		
Two-way Talk	Reuse Audio Channel 1 (Input / Output)		
Display Resolution	1920 × 1080 / 1280 × 1024 / 1280 × 720 / 1024 × 768 / 800 × 600		
Display Split	1 / 4	1 / 4 / 8 / 9	1 / 4 / 8 / 9 / 16
Playback Channels	1 / 4	1 / 4 / 8 / 9	1 / 4 / 8 / 9 / 16
Playback Functions	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom		
Recording Resolutions	D1, 4CIF (704 × 576 / 704 × 480), CIF (352 × 288 / 352 × 240), QCIF (176 × 144 / 176 × 120)		
Recording Speed (Main Stream)	D1 (1 ~ 25 / 30 fps)		
Compression (Video / Audio)	H.264 / G.711		
Recording Mode	Manual, Schedule [Regular (Continuous), MD], Stop		
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Buzzer, Screen Tips		
Motion Detection	MD Zones: 396 (22 × 18), Video Loss & Camera Blank		
Alarm Input / Relay Output	4 / 3	8 / 3	16 / 1
Search Mode	Time / Date, MD & Exact Search (Accurate To Second)		
HDD Bays / Storage Capacity	1 / 4TB (SATA - Internal)		
Backup Mode	USB Device & Network		
USB 2.0	2 (1 Rear)		
RS485	1 (PTZ Control)		
RJ-45 (Ethernet)	1 (10/100 Mbps)		
Network Functions	HTTP, IPv4, IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter		
Max. User Access	20 Users		
Power (Supply / Consumption)	12V DC, 3A / 10 W (without HDD)		
Working Environment	14° ~ 131° F, 10 ~ 90% R, 86 ~ 106 kpa		
Dimensions (W×D×H) / Weight	12.8" × 9.7" × 1.8" / 3.3 lbs (without HDD)		