

# Cascadia

Creating Remote Possibilities™



**H.264 Embedded DVRT**

**480 IPS Record**

**480 IPS Real Time Display**

**16 Video Channels (Looping) w/ DVD-RW**

**16 Audio Channels / 16 Alarm Inputs and 14 Relay Outputs**



**H48016D**

USB Mouse, IR Remote,  
Jog Shuttle and Front Panel  
Controls

Model	H48016D
Two-Way Audio	Yes
POS / ATM	Text-in-Text Feature
Video Inputs	16 Channels
Video Outputs (Selectable)	1 Analog BNC - 1.0Vp-p 75 Ω / 1 VGA / 4 Spot
Looping Outputs	16 Channels
Audio Inputs / Format	16 RCA Inputs (Line Level) / ADPCM
Audio Outputs	1 RCA Output
Alarm Inputs	16 TTL (Terminal Block NO/NC Programmable)
Relay Outputs	2 Relay / 12 TTL (Terminal Block NO/NC Programmable)
Operating System	Embedded / Real Time Operating System (RTOS)
Compression Method	H.264 / 4 Steps Selectable
Video Format	NTSC / PAL
Image Capture Size	3 Kbytes/frame @ 360X240 (CIF) 12 Kbytes/frame @ 720X480 (Full D1)
Maximum Recording Speed (NTSC)	480ips @ CIF (360X240) / 120ips @ Full D1 (720X480)
Display Rate	480 Images Per Second (IPS) - Real Time Display
Screen Divisions	1, 4, 6, 8, 16 / PIP / Digital Zoom / Auto Sequence
Search Modes	Date/Time / Calendar / Event / Emergency
Recording Modes	Motion / Sensor / Continuous / Scheduled / Emergency
System Control	USB Mouse / IR Remote / Front Panel Controls / Jog Shuttle
Serial Ports	1 RS-485 / 1 RS-232 for PTZ Control
Network Interface	10/100 base-T Ethernet (RJ-45)
Network Dynamic IP Support	Yes
Software Included	Client / Multi-Client / WEB / iPhone & Android
Network Client Functions	Live / Search / Alarm / Audio / PTZ / Backup / Setup
Hard Drive Capacity	3 Hard Drives - Max. Size 3 TB / Supports HDD Archiving and Mirroring
Backup Methods	USB Memory Stick / DVD-RW / Network
Backup Options	BMP / JPEG / AVI / Proprietary Compressed / QuickTime (movie)
Power Requirements	12 VDC Power Supply Included
Power Consumption	6.7A / 80W
Operating Temperature	5~40 degrees C / 30~90% Humidity
Dimensions WxHxD (mm)	430 x 95 x 419
Weight	Approx. 5.2 Kg

**H.264 Embedded  
H48016D (16 Channel)**

**Two Year Warranty**

*\*Specifications subject to change without notice.*

(888) 421-0050 / [www.cascadiadvrt.com](http://www.cascadiadvrt.com)