



ADVANCED  
TECHNOLOGY  
VIDEO

ULTIMATE SERIES

>>>REAL-TIME D1, 960H,  
FULL HD, 16 CHANNEL DVR

FALCON 960H DVR

FA-HD916



- > H.264 Compression with Real Time 480-ips D1 and 960H Recording
- > 16-Channel Looping BNC Inputs
- > Full High Definition (Full HD), 1920 x 1080 Display Capability
- > 4-Channel Audio Recording / 1-Channel Audio Playback / 2-Way Audio Capabilities to Remote PC
- > Concurrent HDMI / VGA Video Outputs with Multiple Display Formats
- > 1-Spot Monitor Output with multiple layout display options
- > Multiple Recording Modes -Time-Lapse, Alarm, Pre-event, Text-In, Panic
- > Maximum 3-HDD's with included DVD-RW
- > Up to 30 Minute Pre-event / 15 Minute Post Event Recording
- > Powerful Search Modes: Calendar, Time-Date, Event, Motion, Museum, Text-In, Thumbnail
- > Archived Video (Clip Copy) Played back using Executable "Player" Software Program is Watermarked for Video Authentication
- > e-SATA storage capability
- > ATVisionPro™ Features: Live Monitoring, Playback Recording, Setup, PTZ control, Upgrades and Full Triplex Operation, (User Defined 64-Channel View), Map Integration, Multi-Site System Health Monitoring with User Defined Customizable Panel Design



FALCON 960H DVR

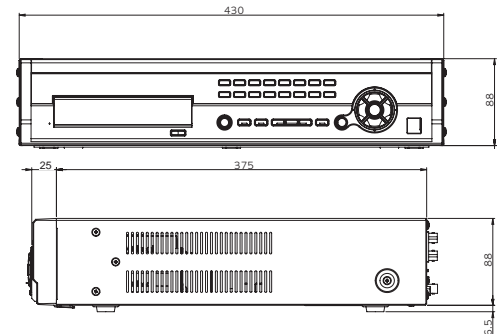
# FA-HD916

ULTIMATE SERIES

## SPECIFICATIONS

MODELS		FA-HD916-1TB FA-HD916-2TB FA-HD916-xTB (x=3-9)
V I D E O	Video Input	16-BNC looping inputs, auto terminating
	Video Resolution	
	Primary Monitor	HDMI: 1920x1080, 1440x900, 1280x1024 VGA: 1920x1080, 1440x900, 1280x1024 Composite: 720x480
	SPOT	
	Record Speed (images per second)	Real-time 480ips @ D1 / 960H
C O N N E C T O R S	Playback Speed (images per second)	480ips @ CIF; 240ips @ 2CIF; 120ips @ D1/960H
	Video Input	Composite: 16 BNC
	Video Loop	Composite: 16 BNC (Auto Terminating)
	Monitor Output	
	Primary	1-HDMI, 1-VGA
	Spot	1-Composite BNC 1-Vp-p, 75 Ohms
	Alarm Input	16 Terminal Block, Programmable
	Alarm Output	2 relay Output terminal block, Programmable
	Alarm Reset Input	1 TTL, Terminal Block
	Network Connectivity	10/100/1000Mbps, 1Gbps Ethernet (RJ-45)
	Audio Input	4 RCA, line level
	Audio Output	1 RCA + 1 HDMI, line level
	Text Input	POS Interface, ATM Interface
	PTZ Control	RS485 Serial Terminal Block
	IR Port	1 Remote Control
	USB Port	2 (USB 2.0) front panel
	eSATA Port	eSATA
	Network Protocols	Static IP, ASDL, DHCP, FEN
	Remote Connections	Admin: 2 / Watch: 10 / Search: 2
	Remote Software	ATVision: Monitoring, Playback, Recording, Setup, PTZ, Upgrade, DVR Status, Triplex operation, (User defined 64-channel view), Map integration, Multi-Site System Health Monitoring
G E N E R A L	Remote Data Export	Clip-Player, AVI, JPEG, BMP
	Remote Transmission Rate	Max 480-ips with bandwidth control
	Primary Storage	SATA Hard Disk Drive (up to 3, 3TB each) Maximum 24TB storage (Internal and External)
	Dimensions (WxHxD)	16.9" x 3.5" x 15.7" (430mm x 88mm x 400mm)
	Unit Weight	14.2lbs (6.4kg)
	Operating Temperature	41°F to 104°F (5°C to 40°C)
	Operating Humidity	0% to 90%
	Power	100 - 240 VAC, 1.2 - 0.6A, 50/60Hz
	Power Consumption	Max 70W
	Conformity Certifications	FCC, UL*, CB, CE

## DIMENSIONS



## STORAGE DURATION

The FA-HD916 records up to 480 images per second at standard resolution (30-ips per channel) and the tables illustrate a typical recording duration for CIF, 2CIF and D1/960H record resolutions with a single video input, with continuous video recording and no audio for the recorder with a 2TB hard disk drive. The actual storage duration will vary depending on the number of cameras recorded, the image quality selected, the recording speed, recording schedule, motion content of the images and the number of stored events.

### 2TB HDD

CIF (ips)	Basic Days	Standard Days	High Days	Very High Days
30	404.5	269.7	161.8	134.8
20	606.8	404.5	242.7	202.3
15	809.1	539.4	323.6	269.7
5	2427.3	1618.2	970.9	809.1
1	12136.3	8090.9	4854.5	4045.4

### 2TB HDD

2CIF (ips)	Basic Days	Standard Days	High Days	Very High Days
30	202.3	134.8	80.9	67.4
15	404.5	269.7	161.8	134.8
10	606.8	404.5	242.7	202.3
5	1213.6	809.1	485.5	404.5
1	6068.1	4045.4	2427.3	2022.7

### 2TB HDD

D1/960H (ips)	Basic Days	Standard Days	High Days	Very High Days
30	101.1	67.4	40.5	33.7
20	151.7	101.1	60.7	50.6
10	303.4	202.3	121.4	101.1
5	606.8	404.5	242.7	202.3
1	3034.1	2022.7	1213.6	1011.4

\*CAUTION: Risk of Explosion if Battery is replaced by an Incorrect Type. Dispose of Used Batteries According to the Instructions.

## ACCESSORIES

XDLBB2 Lock Box, Black  
eSATA Storage see eSATA External Storage category



XDLBB2



eSATA Storage Device

Advanced Technology Video | 850 Freeport Pkwy., Ste.100, Coppell, TX 75019  
Toll Free 888.288.7644 | Main 972.459.8645 | Fax 972.459.8661

©2015 ATV All rights reserved. Specifications and Design are subject to change without notice.  
ATV2230913-01

