



ADVANCED
TECHNOLOGY
VIDEO

PERFORMANCE 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

PERFORMANCE 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 |
| | SPOT | Composite: 720x480 |
| | Record Speed (images per second) | Real-time 480ips @ D1 / 960H |
| | Playback Speed (images per second) | 480ips @ CIF; 240ips @ 2CIF; 120ips @ D1/960H |
| C O N N E C T O R S | 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, DVRNS (Enhanced DDNS) |
| | Remote Connections | Admin: 2 / Watch: 10 / Search: 2 |
| | Remote Software | ATVision: Monitoring, Playback, Recording, Setup, PTZ, Upgrade, DVR Status ATVision Pro®: Triplex operation, (User defined 64-channel view), Map integration, Multi-Site System Health Monitoring |
| | Remote Data Export | Clip-Player, AVI, JPEG, BMP |
| Remote Transmission Rate | Max 480-ips with bandwidth control | |
| G E N E R A L | 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 | |

*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 Devices, see eSATA External Storage Product Category at www.atvideo.com

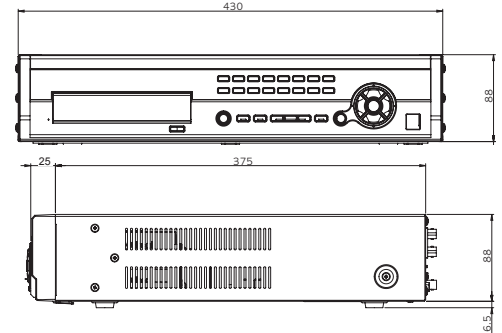


XDLBB2



eSATA Storage Device

DIMENSIONS



ATVision Pro® Remote Management Software

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 |

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