

Our new DVR beats out all the others!  
 Take a look at how ATV's compression is up to 3X better than any of the competition!!



The Falcon DVR - 1, 4, 9 or 16 Channel Inputs!

## Main Features

- ✓ Duplex Mode (Simultaneous Recording & Playback)
- ✓ Record Speed Up to 60ips
- ✓ Easy Installation
- ✓ Advanced Proprietary Compression Engine
- ✓ Various Recording Modes
- ✓ Quick and easy Search Modes
- ✓ USB Interface for Easy Archiving
- ✓ Single-channel Audio Recording
- ✓ Remote Access Available
- ✓ Compatible With Most Multiplexers on the Market



## Compare ATV's Compression Rate!

Image Compression Rate		Recording Quality Picture Mode - Based on 80 Gb Hard Drive							
		LOW 2 KB		STANDARD 3 KB		HIGH 7 KB		V-HIGH 18 KB	
(sec/Imag)	(img/sec)	Hours	Days	Hours	Days	Hours	Days	Hours	Days
0.02	60	185	7.7	123	5.1	53	2.2	21	0.9
0.03	30	370	15.4	247	10.3	106	4.4	41	1.7
0.05	20	556	23.1	370	15.4	159	6.6	62	2.6
0.10	10	1,111	46.3	741	30.9	317	13.2	123	5.1
1	1	11,111	463.0	7,407	308.6	3,175	132.3	1,235	51.4
30	0.03	370,370	15,432.	246,914	10,288.1	105,820	4,409.2	41,152	1,714.7

## DVR COMPARISON CHART

This comprehensive chart illustrates how the ATV Advanced Compression Algorithm allows the Falcon DVR to record longer than the "other guys" - with the same quality video and quality storage capacity!

RECORDING PICTURE QUALITY	(VHS)		(S-VHS)	
	Low	Standard	High	Very High
	IMAGE SIZES			
ATV Falcon DVR	2Kb	3Kb	7Kb	18Kb
Sanyo DSR3000	-	17Kb	24Kb	32Kb
Toshiba KV-HD01A	-	16Kb	21Kb	32Kb
Panasonic WJHD500/100	12Kb	18Kb	27Kb	45Kb
Philips DVR 1	-	22Kb	28Kb	-
DM Digital Sprite	-	14Kb	18Kb	25Kb
Kalatel Calibur DSR2000	-	12Kb	21Kb	27Kb
Gyyer DVMS100	14Kb	17Kb	23Kb	35Kb

The specifications in the above chart represent data taken from competitor spec sheets and websites. ATV is not responsible for any incorrect or outdated information at the time of printing.

## Specifications

### VIDEO

Compatible with  
 Multiplexers: ATV, Kalatel CBR-16CDT, Pelco MX4016CD, Robot MV96P, DM SLDX16C  
 Signal Format: NTSC or Pal, selectable switch  
 Video Input: Composite: 1 looping, 1 Vp-p, auto-terminating, 75 ohms, BNC inputs (4,9, or 16)  
 SVHS: One each  
 Video Output: Composite: One each, 1 Vp-p, 75 ohms, BNC  
 SVHS: One each  
 Video Resolution: 720x480 (NTSC), 720x576 (PAL)  
 Playback/Record Speed: Simplex: 60 ips (NTSC), 50 ips (PAL)  
 Duplex: 30 ips (NTSC), 25 ips (PAL)

### INPUTS/OUTPUTS

Alarm Input: 1 Per camera  
 Alarm Output: 1 Per camera  
 Alarm Reset Input: 1 dry contact  
 Internal Buzzer: 80db at 10cm  
 One Shot Recording: 1 dry contact  
 Trigger Out: 1 dry contact  
 Record Start In: 1 dry contact  
 Record Start Out: 1 dry contact  
 Network Connectivity: 10/100 Mbit Ethernet  
 Audio Input: 1 line or mic (programmable)  
 Audio Output: 1 line

### MECHANICAL

Power: 115~ VAC 280 VAC  
 Approvals: UL, FCC, CE, MIC

### STORAGE

Primary Storage: EIDE HDD  
 Secondary Storage: SCSI  
 Available HD Sizes: 40, 80, 120 Gb

### ELECTRICAL

Dimensions: W: 16.875" x 1.78" x 14.25"  
 (428.6mm x 45.2mm x 362mm)  
 Weight: 8.5 kg

### CONNECTORS

Audio In/Out: 1/1, RCA  
 Alarm In/Out: 1/1 Terminal Block  
 Ethernet Port: 10/100 Mbit, RJ-45  
 RS-232 Serial Port: DB9 Connector  
 RS-485 Serial Port: Terminal Block



15110 NE 95th Street Redmond, Washington, USA 98052  
 Phone: +1-425-885-7000 • Toll Free: 1-888-288-7644 • Fax: +1-425-881-7014  
 Customer Service: sales@atvideo.com • Technical Support: tech@atvideo.com  
 Home Page: <http://www.atvideo.com>