

MemoCam[®] D-V56

SINGLE CHANNEL COLOR DIGITAL VIDEO RECORDER (DVR)



Main features:

Simple Installation

You can choose between:
Image Resolution, Frame Rate,
Color or Black & White
Camera connection

A solid-state device that doesn't
require day-to-day user
intervention

No moving parts equals No
maintenance

Eight selectable levels of video
quality

Smart alarm activation

Integrated new Advanced Video
Motion Detection (VMD)
Technology

Data storage utilizes SD/MMC
removable memory cards (from
16MB up to 1GB)

Communication ports

Operating the D-V56 is made
easier using the IR remote control

**Upgrade your old VCR recording technology now!
*It is easier than ever before.***

The MemoCam D-V56 is a stand alone palm-sized DVR that combines digital recording capabilities with an Advanced Video Motion Detection (VMD).

The D-V56 includes MemoCam Windows and pocket PC based applications that enables:

- Playback of recorded images at multiple speeds
- Fast searches by time or alarm events
- Search for images using a detailed list or thumbnails

A Windows export utility that automatically exports the contents of the memory card onto a CD as:

- Backup
- An AVI file for playing on any Windows media player
- JPEG images

**Due to it's small size
the D-V56 is your
ideal solution!**

The MemoCam DV-56 is designed on the same innovative technology as the original MemoCam, twice award winner for excellence and innovation.

**Absolute
Automation**

29454 Oakdale Rd.
Thamesville, ON
N0P 2K0

1-800-296-3910
www.absoluteautomation.com

3070 Palms Rd.
Casco, MI
48064

MemoCam® D-V56

SINGLE CHANNEL COLOR DIGITAL VIDEO RECORDER (DVR)



Video Motion Detection



RECORDING CAPACITY

Maximum number of images / recording times (Hours) for each selected recording quality and installed memory size, (Assumed: recording rate is 1 fps and VMD active 20% of the recording time)

> At 320x240 Resolution

RECORDING QUALITY	MEMORY CARD SIZE				
	64M	128M	256M	512M	1024M (1G)
Excellent (40K)	1600/2H	3 2 0 0 / 4 H	6 4 0 0 / 8 H	12800/16H	25 6 0 0 / 3 2 H
Very Good (22K)	2920/4H	5 8 4 0 / 8 H	11680/16H	23360/32H	46 7 2 0 / 6 4 H
Good (15K)	4000/6H	8 0 0 0 / 1 2 H	16000/24H	32000/48H	64 0 0 0 / 9 6 H
Standard (10K)	6400/8H	12800/16H	25600/32H	51200/64H	102400/192H

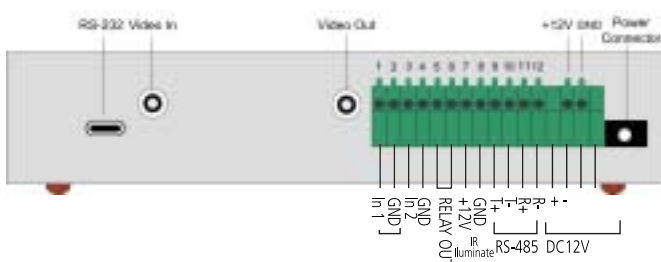
> At 640x480 Resolution

RECORDING QUALITY	MEMORY CARD SIZE				
	64M	128M	256M	512M	1024M (1G)
Excellent (150K)	400/0.5H	800/1H	1600/2H	6 2 0 0 / 4 H	12 4 0 0 / 8 H
Very Good (90K)	7 5 0 / 1 H	1500/2H	3000/4H	6 0 0 0 / 8 H	12000/16H
Good (60K)	1000/1.5H	2000/3H	4000/6H	8000/12H	16000/24H
Standard (40K)	1 6 0 0 / 2 H	3200/4H	6400/8H	12800/16H	25600/32H

FRONT VIEW



REAR VIEW



TECHNICAL SPECIFICATIONS

Video Format	NTSC/EIA and PAL/CCIR - Color or B/W
Video Input	1 channel - composite 1 Vpp. High Z or 75 Ohm (RCA)
Video Output	1 channel - composite 1 Vpp. (RCA)
Video Resolution	640 x 480 (VGA) OR 640 x (240 x 2) 320 x 240 (CIF)
Recording Quality	8 levels
Video Compression	JPEG
Recording Rate	From 10 images/sec to 1 image/5 min
Image Size	From 10K to 150K byte
Storage Type	Removable SD/MMC Storage card sizes: 64, 128, 256, 512 and 1024 MB
Recording Modes	Fixed - Records events until the memory card is full Cyclic - Records events continuously overwriting old data when the memory card is full
Start Recording Modes	External alarm Video Motion Detection Panic button using the IR remote control
Pre-Alarm Recording	YES
Image Protection (Integrity)	Each image is differentially signed and can be authenticated
Titles	Time/ Date/ Unit-Name
Scheduler	Daily & Weekly
Alarm Input/ Arm/Disarm Input	3 inputs
Alarm Output	N/O or N/C 28Vdc. 0.1A protected with a 20 Ohm resistor
IR Illumination Output	Triggers an IR LEDs illumination array (12VDC max 1A)
IR Remote control	Used for: • Arming and Disarming the unit • Emergencies as a panic button
Security	Password protected
Power Source	5-20 VDC (nominal 12VDC) 180mA @ 12VDC
Power Consumption	< 2.3 W
Recovery	Automatic recovery after source power failure
Audio Indicator	Buzzer
Operation Status LED's	Two status color LEDs and a one power ON LED indicators
RS-232 port	YES
RS-485 port	YES
Software Upgradeable	YES
Special Model	D-V56/WP Weather proof (IP65 Standard)

UNIT PHYSICAL CHARACTERISTICS:

Dimensions (WxDxH)	140 x 75 x 30 (mm)
Weight	300 grams
Operating Temp.	0° to 50°C

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