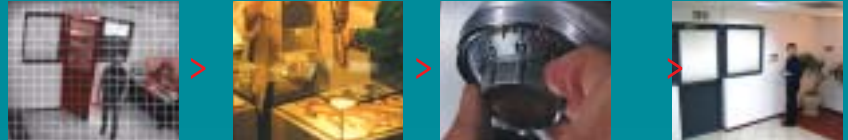


# MemoCam<sup>®</sup> D-V56

**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.

# 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	3200/4H	6400/8H	12800/16H	25600/32H
Very Good (22K)	2920/4H	5840/8H	11680/16H	23360/32H	46720/64H
Good (15K)	4000/6H	8000/12H	16000/24H	32000/48H	64000/96H
Standard (10K)	6400/8H	12800/16H	25600/32H	51200/64H	102400/192H

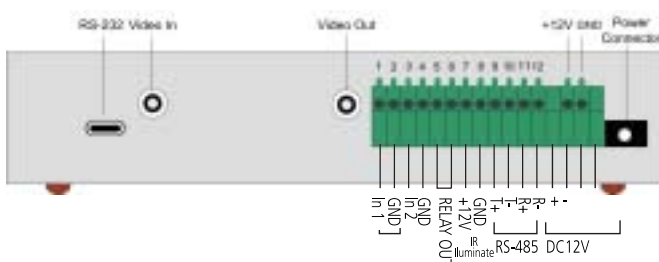
### > At 640x480 Resolution

RECORDING QUALITY	MEMORY CARD SIZE				
	64M	128M	256M	512M	1024M (1G)
Excellent (150K)	400/0.5H	800/1H	1600/2H	3200/4H	6400/8H
Very Good (90K)	750/1.5H	1500/3H	3000/6H	6000/12H	12000/24H
Good (60K)	1000/2H	2000/4H	4000/8H	8000/16H	16000/32H
Standard (40K)	1600/4H	3200/8H	6400/16H	12800/32H	25600/64H

## 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



VIDEO DOMAIN

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