

# D-V58 Miniature DVR with Video Motion Detection Records on Removable SD Card

**New - D-V58 models with Cellular Communication and Weatherproof Casing**



Get  
the Whole  
Picture



## Ideal for Covert Recording

**Ideal for Home/Business, Monitoring Remote Sites, Monitoring Vehicles/Trains/Yachts and more**

- Small & mobile, easy to set up and use
- Solid state device with no moving parts
- No daily maintenance required
- Images viewed on any PC/pocket PC
- Convenient recording schedule
- No need to invest in costly, elaborate system
- Power saving mode enables battery use

**The advanced cellular communications platform of D-V58/CELL enables:**

- SMS / e-mail messages to your cellphone every time there is an "event"
- JPEG image attachment with e-mail.
- Send SMS commands to configure/arm/disarm the unit

**D-V58/WP and D-V58/CELL-WP with weatherproof casing**

- With IP65 rating (sealed against dust and jets of water)

Video Domain Technologies' D-V58 is a stand-alone, miniature DVR with integrated VMD (Video Motion Detection). It is easy to install and easy to hide, and is perfect for covert recording and for situations where mobility is required. The integrated advanced VMD enables recording only events of interest, reducing required storage space and enabling recorded events to be stored on removable SD cards. D-V58 is perfect for monitoring/securing any site requiring a quick & easy setup at an affordable cost.

The D-V58 supports sleep mode, when power consumption is reduced to only 10mA, making it ideal for battery-powered operations in remote sites where power sources are unavailable.

The D-V58/CELL model has, in addition to the above, cellular communication capabilities enabling two-way communication between your cell phone and the D-V58/CELL unit via SMS and e-mail messages. It utilizes existing cellular infrastructure, making it the ideal solution for remote locations covered by cellular networks.

The above models are available in versions that have been enclosed in a weatherproof casing for outdoor use: D-V58/WP and D-V58/CELL-WP.



D-V58



D-V58/CELL



D-V58/WP and D-V58/CELL-WP



Based on our award-winning MemoCam® technology

## Simply Plug in – and Ready for Action!

### EXCELLENT RECORDING QUALITY

- Color or B/W recording
- Resolution quality 640x480 (VGA) or 320x240 (CIF)
- Records up to 10 FPS

### COMMUNICATION & CONNECTIVITY

- Communication ports (RS-485)
- Cellular communication in D-V58/CELL model
- Connect monitor to Video Out

### QUICK & EASY OPERATION

- Easy to install and integrate into existing CCTV system infrastructure
- IR remote control with panic button included
- Automatic scheduled activation
- Export to PC image editor, in JPEG or AVI format
- Playback of recorded images at multiple speeds, frame by frame or as continuous slide show
- Search for images using a detailed list or thumbnails
- Fast search by time or event

### SET YOUR OWN PARAMETERS

- Define relevant areas for Video Motion Detection
- Choose recording quality – up to 8 levels
- Define trigger: VMD or external trigger
- Set Arm/Disarm schedule
- Define post-alarm recording ... and more

### SAFE & SECURE

- Password protected
- Automatic recovery after power failure
- Images dated and timed
- Solid-state device with no moving parts
- Does not require day-to-day user intervention or maintenance
- Images watermarked for integrity (user selectable)

### EXTENDED OPERATION TIME

- Low-power sleep mode draws only 10mA power
- Suitable for battery operations (battery not included)
- On wake-up, unit powers up camera

### CELLULAR COMMUNICATIONS (D-V58/CELL model)

- Advanced GSM/GPRS class 12 cellular platform
- Transmission rate upload: 32 - 48 kbit/s
- Image encryption for secure transmission of information (user selectable)
- Covers 900/1800/1900 frequencies, enabling flexibility & worldwide usage

### SUPPLIED WITH:

- Power adaptor with 15ft (4.5m) cable
- IR remote control with panic button functionality
- SD card

## Ordering Information

Model	P/N	Part Name
NTSC - 110V	P/N 11569100	MemoCam D-V58
	P/N 11569660	MemoCam D-V58/CELL
	P/N 11569600	MemoCam D-V58/WP
	P/N 11569666	MemoCam D-V58/CELL-WP
PAL - 240V	P/N 11569200	MemoCam D-V58
	P/N 11569660	MemoCam D-V58/CELL
	P/N 11569600	MemoCam D-V58/WP
	P/N 11569666	MemoCam D-V58/CELL-WP

## Recording Capacity: maximum no. of images / recording time in hours

Based on recording rate of 1 FPS and VMD activation 20% of the time

At 640 x 480 Resolution					
Recording Quality	Memory Card Size				
	128M	256M	512M	1,024M (1GB)	2,048 (2G)
Excellent (150K)	800 / 1h	1,600 / 2h	3,200 / 4h	6,400 / 8h	12,800 / 16h
Very Good (90K)	1,400 / 2h	2,800 / 4h	5,600 / 8h	11,200 / 16h	22,400 / 32h
Good (60K)	2,000 / 3h	4,000 / 6h	8,000 / 12h	16,000 / 24h	32,000 / 48h
Standard (40K)	3,000 / 4h	6,400 / 8h	12,800 / 16h	25,600 / 32h	51,200 / 64h

At 320 x 240 Resolution					
Recording Quality	Memory Card Size				
	128M	256M	512M	1,024M (1GB)	2,048 (2G)
Excellent (40K)	3,200 / 4h	6,400 / 8h	12,800 / 16h	25,600 / 32h	51,200 / 64h
Very Good (22K)	5,800 / 8h	11,600 / 16h	23,200 / 32h	46,400 / 64h	92,800 / 128h
Good (15K)	8,400 / 12h	16,800 / 24h	33,600 / 48h	67,200 / 96h	134,400 / 192h
Standard (10K)	12,800 / 16h	25,600 / 32h	51,200 / 64h	102,400 / 128h	204,800 / 384h

## Technical Specifications

	D-V58	D-V58/CELL	D-V58/WP	D-V58/CELL-WP
Video Format	NTSC/EIA and PAL/CCIR – Color or B/W			
Video Input	1 channel – composite 1 Vpp. High Z or 75 Ohm (BNC)			
Video Output	1 channel – composite 1 Vpp (BNC)			
Video Resolution	640 x 480 (VGA) or 640 x (240 x 2) or 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 bytes			
Storage Type	Removable SD storage card in sizes: 128MB, 256MB, 512MB, 1024MB (1GB) & 2048MB (2GB)			
Cellular Connectivity	N/A	GSM/GPRS Class 12	N/A	GSM/GPRS Class 12
Recording Modes	Fixed – records events continuously overwriting old data Cyclic – records events continuously overwriting old data when the memory card is full			
Start Recording Modes	Video Motion Detection (inactive in sleep mode) 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 and weekly			
Alarm Input / Arm/Disarm Input	2 inputs			
Alarm Output	N/O or N/C, Dry contact up to 28VDC, 0.1A Protected with 20 Ohm resistor			
External Camera Power Up	Connects camera and/or IR illuminator			
Max. Illuminator Output current (using 0.5A power adaptor)	300mA	200mA	300mA	200mA
IR Remote Control	Used for: Arming / Disarming the unit Emergencies via panic button			
Security	Password protected			
Power Source	5-20 VDC (nominal 15 VDC)			
Power Consumption @12VDC				
Sleep mode:	10mA	18mA	10mA	18mA
Wake up mode:	160mA	170mA	160mA	170mA
During GPRS transmission:	–	250mA	–	250mA
Recovery	Automatic recovery after source power failure			
Audio Indicator	Buzzer			
Operation Status LEDs	Two status color LEDs and a one power ON LED indicator			
RS-232 port	Yes	No	Yes	No
RS-485 port	Yes	Yes	Yes	Yes
Software Upgradeable	Yes			
External Dimensions	5.5 x 2.8 x 1.2 inch / 140 x 7 x 30 mm		6 x 5.5 x 1.7 inch / 153 x 140 x 43 mm	
Weight	10.6 oz / 300 gm		1.5 lbs / 690 gm	
Operating Temperature	32 - 122 °F / 0 - 50 °C			

In accordance with its policy of continuing product and system improvement, Video Domain Technologies Ltd. reserves the right to alter designs or specifications without obligation or further notice.



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