

MCLDC™

DTV Digital Video Recorder

Receive up to 8 DTV Camera Digital Television Video Signal

SDHMDVR08 • DATASHEET

- Digital Video Recorder for DTV Camera.
- Easily connect DTV Cameras via coaxial cable to DTV DVR for seamless analog to HD transition.
- Ideal for small footprint establishment (i.e. retail store) to quickly upgrade existing surveillance equipment.
- Use existing coaxial cable to save time and budget for a quick upgrade process.
Simple coaxial point to point connection.
- Simple on screen user interface for general operation / live view / record / playback functions.
Use mouse or remote control for general usages.



The SDHMDVR08 is the DVR that enables real-time recording of HD/Full HD resolution images from DTV cameras across all channels {at 1080p HD resolution}. The MCLDC system provides a set of benefits over conventional analog/network systems. It utilizes existing analog infrastructure of coaxial cable while providing much higher resolution in image quality. Installation is similar to standard DVRs and does not require additional specialized knowledge for operation. Data is transmitted via compressed digital video signals allowing for more storage capacity. The SDHMDVR08 is the ideal recording solution for users looking for sharper images with professional performance.

Key Features

- **Support 2 units of SATA / SATAII HDD up to 8TB HDD recording capacity.**
- **Advanced H.264 compression technology provides the best HDD space usage.**
- **H.264 compress technology.**
- **Embedded Linux system.**
- **Support 8CH of DTV camera video.**
- **Support HDMI output**

TECHNICAL SPECIFICATIONS

Specifications	
Models	SDHMSDVR08
Number of Channels	Up to 8 Channels

Video	
Operating System	Embedded Linux
Video Standard	DTV (DVB-T)
Video Operation	Live, Record, Playback, Remote, and Internet access
Resolution-Live Video	1920x1080
Input	BNCx8, 0dBm-70dBm
Video Output	VGA / HDMI
HDMI Output	1080P / 1440x900 / 720P / SXGA / XGA
VGA Output	1080P / 1440x900 / 720P / SXGA / XGA
Picture Refresh Rate	240FPS
Display Mode	1 / 4 / 9
Digital Zoom	Live View / Playback
Camera installation	Plug & Play / Channel Setup Required for coaxial daisy chain

Recording	
Compression Method	H.264
Recording Mode	Schedule / Alarm / Motion Detection / Continuous
Recording Resolution / Rate	240 FPS @ 1920x1080
Recording Quality	Adjustable - Frame Rate / bitrate
Storage Mode	Linear / Circular

Playback	
Playback	Pause, Stop, Rewind, Forward, Search
Playback Speed Adjustment	1x, 2x, 4x, 8x, 16x, 32x
Retrieve	Date/Time, Event
Data Life Time	Yes (Programmable)

Storage	
Built-In Storage	SATA x 2
Built-In HDD	Up to 2 built-in HDDs (8TB max.)
External Storage	eSATA HDD
Export	USB 2.0 Port x2 (Support ThumbDrive)

Communication	
Network Connectivity	RJ-45 connector, 10/100/1000Mbps Ethernet, supports PPPoE / DDNS / DHCP
Remote control Software	CMS 64 (Included on Disk), IE Browser IR Remote Control (Included) with Accessories
Mobile View Support	iPhone, iPad & Android
Remote Access Security	Up to 7 Users / 8 Authority Levels
Remote Operation	Monitor, Playback, Recording, System Setup, Archive, PTZ Control
RS485	DTV PTZ Control
IR Remote	Included
Dome Control Protocol	RS232 Control Channel

DTV		
Supported standards	DVB-T	
Control channel	RS-232	
Transmission distance	Up to 1000 meters with 5C2V or RG-6/U Coaxial Cables	
Channel Frequency Usage	Channel Frequency	Channel Selector Position
	00=177MHz	0
	01=189MHz	1
	02=201MHz	2
	03=213MHz	3
	04=225MHz	4
	05=237MHz	5
	06=249MHz	6
	07=261MHz	7
	08=273MHz	8
	09=363MHz	9
	10=375MHz	A
	11=387MHz	B
	12=399MHz	C
	13=411MHz	D
	14=423MHz	E
	15=473MHz	F

General	
Unit Dimensions (LxWxH)	12.4"L (315mm) 12.1"W (307mm) 2.7"H (68.1mm)
Unit Weight	68.4 ounce (1939 grams)
Package Dimensions	15.6"L (395mm) 13"W (330mm) 3.3"H (85mm)
Package Weight	82.9 ounce (2350 grams)
Operation Temperature	+32°F ~ +113°F
Relative Humidity	20% ~ 85% Non-Condensing
Power Supply	UL Listed 12VDC 5 Amp / 60Watt