

# DVR-510

Smart DVR with 4Channel MJPEG

**NEW**



## Features

- Concurrent 4-channel real-time digital video recorder
- Smart digital surveillance system with high quality live display
- Hardware video codec engine on board
- Plug & Play with easy installation
- User-friendly function control from push button on front panel
- Remote surveillance management by networking
- Connect to any TV, no monitor required
- Option for IDE HDD

## Introduction

Advantech Smart DVR-510 is the most cost-effective compact standalone DVR. Support up to 4CH real-time displaying and 30fps in recording mode. It is easy to install with Plug and Play connection. The buttons on the front panel make it easy to use. The advanced networking function provides remote control and remote viewing on PC client viewer.

## Specifications

Item	Description		Remarks
Video Input Format	NTSC/PAL		
Operating System	None		
Video Input Channel	4Ch Composite		
Video Output Channel	2Ch Composite & 1Ch S-Video		
Video Loop-Through	4Ch composite		
Audio Input	1Ch RCA		
Audio Output	1xRCA		
Remote Control Interface	PC Client through Lan or Internet		
Built-in Buzzer	Video Lost , HDD Failure		
Display Frame	NTSC	120fps	4x30fps
	PAL	100fps	4x25fps
Recording Frame Rate (quad mode)	NTSC	Max.30fps(quad)	
	PAL	Max.25fps(quad)	
Recording Frame Rate (each mode)	NTSC	Max.7.5fps	
	PAL	Max.6.25fps	
Recording Mode	Continuous, manual, event programmed		
Resolution	Display	NTSC:720x480 PAL:720x576	
	Recording	NTSC: 640x224, 320x112 PAL: 640x272, 320x136	
Compression Format	Modified MJPEG (12-20K bytes/frame)		Low: 12Kb/frame Normal:15Kb/frame High:20Kb/frame
Search Mode	Time, date, camera		
System recovery	Auto-recovery capability after re-power on		
HDD	One IDE HDD		
Network Interface	Ethernet 10/100 Tx RJ-45		
Dimension (W x H x D)	290 x 57 x 232 mm		
Weight	2.2 kg		
Power Consumption	AC Input : 100-240 V ~ 1.8 A , 50-60 Hz		
	DC Output : 12V , 4.2 A		
Temperature	Working : 5° C - 45° C		
	Non - Working -10° C - 60° C		

## Advanced Specification

Main Feature Setup	Camera select, Record select, Record mode, Record frame, Video Quality, Record schedule, HDD drive setup, Sensor setup, Networking setup, others setup
Camera Display Select	All off, All display, one channel display
Record Select	All off, All record, one channel record
Record Mode	Each full screen , Quad screen
Record Frame	1, 2, 3, 4, 5, 7, 10, 15, 30 fps
Video Quality	Normal, Low, High
Record Schedule	24-hour period, Recording (T), Sensor recording (S), Record off (-)
H.D.D Setup	Overwrite, Size, Used %, Format
Sensor Setup	Record time, Alarm out time , Sensor trigger mode
Sensor Trigger Mode	Not installed, Normal open, Normal close, Motion detection +N-C, Motion detection + N-O
Remote Control feature	Live view, Record, Playback
Function button	Menu, Recording, Stop, Fast forward, Fast reverse, Pause, Channel,

## Ordering Information

Part Number	Description
DVR-510	Smart DVR with 4Channel MJPEG
Option	IDE HDD
Language Selection	English, Chinese (Traditional), Chinese (simplified), German, Spanish, Italian, Russian

## Packing List

- Power Cord X 1
- User's Manual X 1
- CD for PC Client Software X 1
- AC/DC Adaptor X 1

1  
Digital Video System

2  
Digital Video Recorder

3  
Storage Server NAS

4  
CCTV Color Camera

5  
Advantech Enterprise Server