

# iDVR-RT16 Surveillance DVR

16 Channel CCTV Video / 16 Channel Audio **D1 Real Time DVR**

For more information and pricing on the iDVR-RT16, [please visit this page](#).



The iDVR-RT16 is a uniquely powerful 16 channel standalone DVR with D1 real time video recording capability, which means that it can record at **30 Frames Per Second (FPS) at 704 x 480 Resolution on all 16 channels at the same time**. The iDVR-RT16 uses an embedded LINUX operating system, the latest H.264 video compression, and features an intuitive graphical user interface (GUI) allowing for easy configuration and navigation. The Quadruplex operation permits for simultaneous Recording, Playback, Backup and Network Remote Access. The RT16 offers 5 video outputs: VGA, main composite (BNC), three spot BNC (*separately configurable to allow different screen configurations to be displayed on each monitor*).

## iDVR-RT Series key Features:

- 16 Video channels (*cameras*) able to record at Full D1 (480 FPS ~ 720 x 480 NTSC)
- 16 Loop Outs, allowing one to display specific cameras on individual monitors
- 16 Audio surveillance microphone Inputs and an audio output port
- 1 TB Internal HDD is included, which is upgradable to a total of 6 Terabytes (using 3 x 2 TB HDDs)

*Powerful features, simplicity of use and sleek design make the iDVR-RT one of the best choices for home, business, and government application that requires Full D1 on multiple channels, 16 Loop Outs & 16 audio inputs.*

## View your cameras remotely from desktop or mobile

1. Access your iDVR-RT remotely from Home or Office using Apple Mac and/or Windows computers.
2. When on the go, the **FREE Mobile APPs for iPhone, iPad, and Android** smartphones allows you to remotely access your iDVR to monitor your cameras LIVE as well as search and playback recorded surveillance video footage.





# CCTV Camera Pros

Video Surveillance Systems for Home, Business & Government

## iDVR-RT16 Specifications

Operating System	Embedded <b>Linux</b> Operating System
Video Compression	<b>H.264</b> Codec used for Video Compression
Video Format	NTSC (United States) or PAL (Europe)
<b>Quadruplex Function</b>	Simultaneous ability to Record, Playback footage, remote access & view live
<b>Remote View &amp; Playback</b>	<b>LIVE &amp; Recorded</b> video playback available via your <b>Apple Mac or Windows PC</b> , and <b>iPhone, iPad, Android</b> smart phones/Tablets
Multiple <b>Video Outputs</b>	1 Main Composite, 1 programmable SPOT, 1 VGA (Main), 1 <b>HDMI</b> connection
<b>Audio In / Out</b>	<b>Sixteen (16) Audio IN</b> and one audio OUT (16/ 1)
Display Split Mode	Selectable from : 1,4,6,7,8,9,10,13,16 screens
<b>Communication Ports</b>	RS-232C, RS-422, Two Ethernet Ports (1 Gig), USB 2.0
Playback of Backup	Multi Player (Auto copy), AVI
Playback Speed	Multi-Level (Full-Frame Reverse Playback Supported)
Recording Modes	Configurable: <i>Continuous, Scheduled, Alarm, Motion and Time Limit</i>
<b>Recording Adjustments</b>	<b>Resolution, Frame Rate</b> (FPS per camera) & <b>Picture Quality</b> (from Low to Ultra)
Pre & Post Alarm Recording	Pre-Alarm: 0 ~ 300 Seconds & Post-Alarm: 10 ~ 300 Seconds
<b>Motion Detection</b> Configuration	Turn ON or OFF any of the <b>16 on-screen Grids</b> , with 20 sensitivity Levels
<b>Search Recorded</b> Footage	Search By: Time, Date, Event, Specific Camera, Log or SMART SEARCH
<b>DATA Archiving</b>	Set up archiving via: Ethernet, Remote PC, External Recording Devices, FTP
Email Notification	<b>Emails Notifications</b> for: <i>External alarms, Video loss, Power Loss and HDD failure</i>
System Utility	Auto Key Lock and Disk Check
Admin & Users	User Levels include: <b>1 Admin</b> and <b>5 Configurable Users</b>
Video Storage	System comes with <b>1 TB</b> , which can be <b>upgraded to 6 TB</b>
Backing Up Video Events	Backing events can be done via <b>USB Thumb Key</b> or <b>Burning a DVD</b>
Watermark	<b>Watermarking</b> ensures video tampering detection
Power	Adapter <b>DC 12V</b> , 36 W (Power specs: 100 ~ 240 VAC 50/60)
Operating Temperature	0° ~ 40° Celsius / 32° ~ 104° Fahrenheit
iDVR-RT Dimensions (mm & Inches)	430mm / 16.9" ( <i>Width</i> ) x 103mm / 4" ( <i>Height</i> ) x 450mm / 17.72" ( <i>Depth</i> )
iDVR-RT Weight (Kilos /Lbs.)	The Unit weighs 10 Kilos / 22 lbs. without Hard Drive(s)

## Why the RT? Our iDVR Models compared

	iDVR E SERIES	iDVR PRO	iDVR RT
<a href="#">CCTV Camera Pros</a> Website	<a href="#">iDVR-E series Link</a>	<a href="#">iDVR Pro Link</a>	<a href="#">iDVR-RT Link</a>
Storage Bays for HDD	1 Bay	4 Bays	3 Bays
Max Storage	2 TB	4 x 2 TB = <b>8 TB</b>	3 x 2 TB = <b>6 TB</b>
Loop Outs	1 Spot Out	16 loop outs	16 loop outs
Audio Ins / Out	1 Audio in / 1 out	4 Audio ins / 1 out	16 Audio ins / 1 out
Alarm In / Out	4 in / 1 out	8 in / 1 out	16 in / 4 out
PC Software	EMS	iPims	EMS
Mac Software	iSMS	Smart RA	iSMS



For more information on CCTV Camera Pros' **iDVR-RT16**, [Click here to visit the RT webpage.](#)

For information relating to video surveillance, please contact us, via email at [info@cctvcamerapros.net](mailto:info@cctvcamerapros.net), or by phone at 561-433-8488 / 888-849-2288; or visit our Website: [www.cctvcamerapros.com](http://www.cctvcamerapros.com)