FortiRecorder™

FortiRecorder 100D, 200D, 400D and VM

FortiRecorders solve your surveillance problems while streamlining the user experience. Place cameras to cover your entry points and critical areas such as Point of Sale terminals, warehouses, public areas and loading docks. Configure FortiRecorder for continuous or motion-based recording (or both). Alarms and notifications keep you aware of what's going on. An event timeline lets you find and review motion events quickly and easily.

Motion detection with snapshot notifications

What's the most annoying issue with alarm systems? For many, it's false alarms. The alarm company called, and now you have to decide whether the alarm is legitimate. Did the cleaners forget to disarm the alarm or are thieves cleaning out your office? FortiRecorder sends a snapshot notification email to your smartphone or other device with images from the motion event. You immediately see what's going on without having to log in to a dedicated app or navigate any menus.

Highlights

- Scheduled and manual recording
- Motion detection and continuous recordings
- Snapshot notifications and alerts
- Available as an appliance or virtual machine
- Camera live view and video playback
- Event monitor with timeline
- RADIUS, LDAP, SNMP and remote data storage support for flexible network integration

Key Features and Benefits

Archive video to remote storage device	Extend recording capacity through network-attached storage. Archived files can be seamlessly accessed for playback from local or remote storage using the FortiRecorder web interface or FortiRecorder Central client.
Multiple network interfaces	Multiple gigabit network interfaces give you flexible configuration options and allow you to implement dedicated camera networks, providing increased security and performance.
Viewer, operator and administrator access profiles	Separating user groups provides improved security. Administrators have full access while operators can't change the configuration, delete video files or disable cameras. Operators can be assigned access to specific camera groups. Viewers can only monitor camera live views.

FEATURES

Two ways to see: web-based interface or advanced FortiRecorder Central app

FortiRecorder's web-based interface is one of the most sophisticated in the industry, with full controls for browsing past footage, setting alerts and monitoring a few cameras. Or choose the free FortiRecorder Central windows application. It's a sleek, high-performance, easily customizable interface that delivers fast, intuitive access to real time and recorded images. It's friendly and easy for casual users, but sophisticated enough for more intensive security installations that require constant monitoring of multiple cameras and recorders.
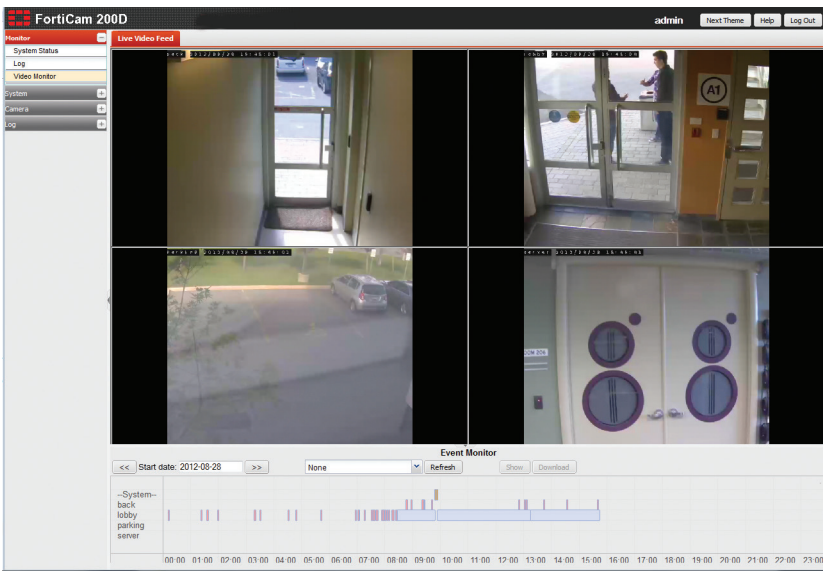
Camera freedom: use FortiCameras or third-party cameras

FortiCameras are tailor-made to work with FortiRecorder, with easy configuration and no additional license fees. But FortiRecorder also works with third-party ONVIF cameras to allow you to choose specialty cameras when you need them.
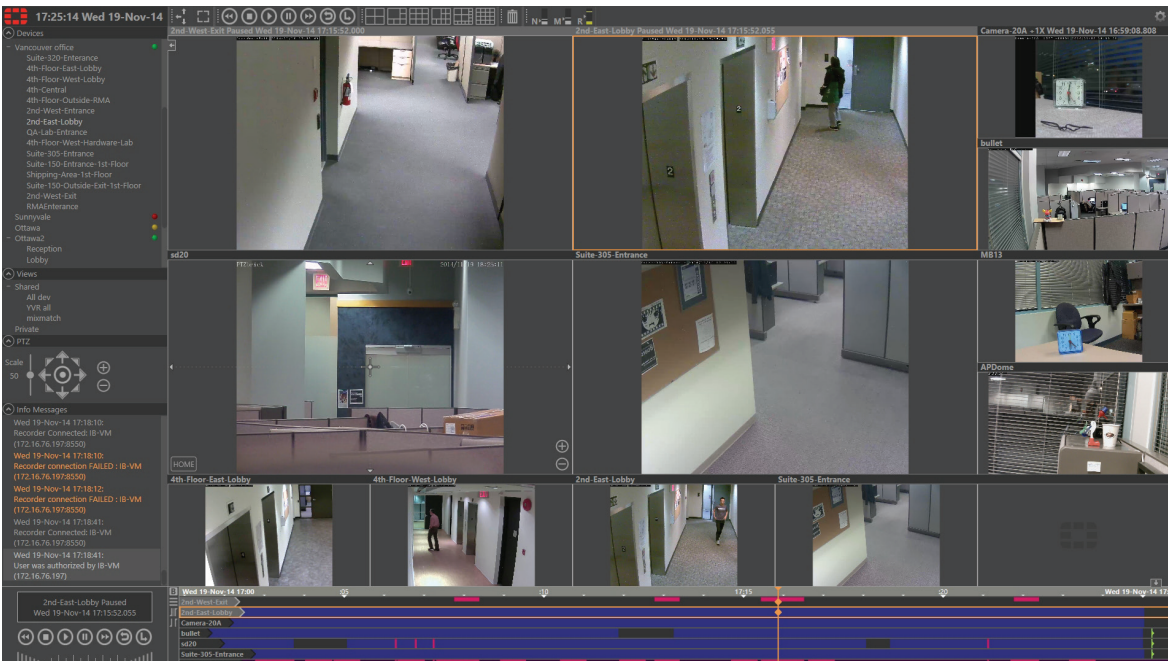
Appliance or virtual: you choose

FortiRecorder is available as an appliance or a virtual machine, so you get the complete functionality in the format that works best for you. Choose the FortiRecorder 100D, 200D or 400D for ease of set-up right out of the box — just plug in your FortiCameras, turn on the recorder and you're ready to go using your web browser or FortiRecorder Central. Or choose FortiRecorder-VM with simple, stackable licenses and platform flexibility for IT-friendly environments and support of up to 1024 cameras.

FortiRecorder-VM is supported on VMware's vSphere Hypervisor, Microsoft Hyper-V, KVM, Citrix XenServer and Amazon AWS (on-demand).

FortiRecorder Web interface

FortiRecorder Central VMS

SPECIFICATIONS

	FORTIRECORDER 100D NVR	FORTIRECORDER 200D NVR	FORTIRECORDER 400D NVR
Hardware Specifications			
Camera Capacity	16	64	64
Format	Desktop	1U Appliance	Mini-tower
10/100/1000 Interfaces (Copper, RJ-45)	3	4	2
Storage	1 TB	3 TB	2x 3 TB (4x 4 TB maximum)
Environment			
Power Required	110–240V AC, 60–50 Hz	110–240V AC	110–240V AC, 60–50 Hz, 250W ATX PSU
Power Consumption (Average)	18 watts	60 watts	88 watts
Heat Dissipation	73.7 BTU/h	205 BTU/h	395.81 BTU/h
Operating Temperature	32–104°F (0–40°C)	32–104°F (0–40°C)	32–104°F (0–40°C)
Storage Temperature	-13–158°F (-35–70°C)	-13–158°F (-35–70°C)	-4–158°F (-20–70°C)
Humidity	10–90% non-condensing	5–95% non-condensing	10–90% non-condensing
Dimensions			
Height x Width x Length (inches)	1.6 x 8.3 x 5.2	1.8 x 17.1 x 13.9	8.3 x 7.8 x 12.6
Height x Width x Length (mm)	41 x 211 x 133	45 x 433 x 352	211 x 199 x 319
Weight	2.3 lbs (1.1 kg)	13.4 lbs (6.1 kg)	15.79 lbs (7.16 kg)
Compliance			
	FCC Part 15 Class B, CE, VCCI, C-Tick, UL/cUL, CB	FCC Class A, CE, VCCI, C-Tick, UL/cUL	FCC Class A, CE

FortiRecorder 100D

FortiRecorder 200D

FortiRecorder 400D

ORDER INFORMATION

Product	SKU	Description
FortiRecorder 100D NVR	FRC-100D	3x GE RJ45 ports, 1 TB storage, 16 channels.
FortiRecorder 200D NVR	FRC-200D	4x GE RJ45 ports, 3 TB storage, 64 channels.
FortiRecorder 400D NVR	FRC-400D	2x GE RJ45 ports, 2x 3 TB (4x 4 TB maximum) storage, 64 channels
FortiRecorder-VM Base	FRC-VM-BASE	Base license for stackable FortiRecorder-VM (includes 10 camera license).
FortiRecorder-VM 10	FRC-VM-10	License to add 10 cameras to FortiRecorder-VM.
FortiRecorder-VM 50	FRC-VM-50	License to add 50 cameras to FortiRecorder-VM.
FortiRecorder-VM 100	FRC-VM-100	License to add 100 cameras to FortiRecorder-VM.
FortiRecorder Third-Party Camera Licenses	FRC-EXC-1	FortiRecorder third-party external camera license. Perpetual license for 1 camera. Electronic license certificate.
	FRC-EXC-5	FortiRecorder third-party external camera license. Perpetual license for 5 cameras. Electronic license certificate.
	FRC-EXC-10	FortiRecorder third-party external camera license. Perpetual license for 10 cameras. Electronic license certificate.
	FRC-EXC-20	FortiRecorder third-party external camera license. Perpetual license for 20 cameras. Electronic license certificate.

Optional Accessories		
Rack Mount Tray	SP-RACKTRAY-01	19" rack tray. Holds 2 FRC-100Ds side by side.
FortiGate 94D-POE	FG-94D-POE	24x 802.3af PoE ports.
FortiSwitch 80-POE	FS-80-POE	4x 802.3af PoE ports.
FortiSwitch 124B-POE	FS-124B-POE	12x 802.3af PoE ports.
FortiSwitch 224B-POE	FS-224B-POE	20x PoE ports.
FortiSwitch 324B-POE	FS-324B-POE	20x PoE and 4x PoE+ ports.
Power Injector	GPI-115	1-port Gigabit PoE Power Injector, 802.3af, 15.4 W.
FortiRecorder Central	FREE download	Video Management System for Windows.
FortiRecorder Mobile iOS App.	FREE download	Monitor FortiRecorder from your iPhone or iPad.
FortiRecorder Mobile Android App.	FREE download	Monitor FortiRecorder from your Android device.

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