

FortiRecorder™

FortiRecorder 100D, 200D, 400F 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

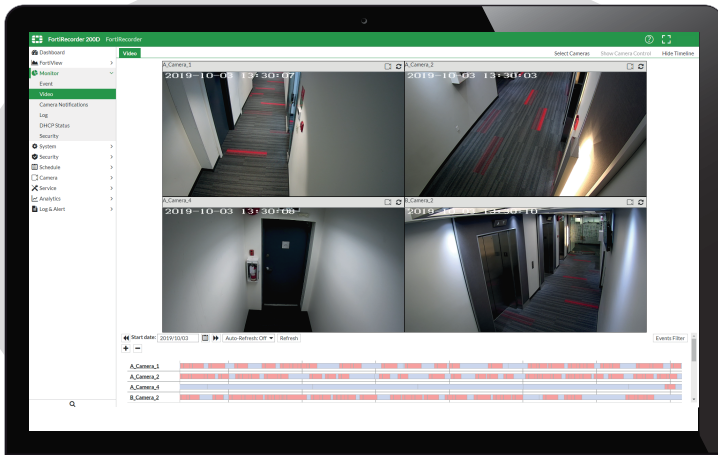
Separating user groups provides improved security. Administrators have full access while operators can't change the configuration, delete video files, or disable cameras. Operators can be assigned access to specific camera groups. Viewers can only monitor camera live views.

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, yet sophisticated enough for more intensive security installations that require constant monitoring of multiple cameras and recorders.

FortiRecorder Web Interface



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 400F 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 for 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 Central VMS

Specifications



	FORTIRECORDER 100D NVR	FORTIRECORDER 200D NVR	FORTIRECORDER 400F NVR
Hardware Specifications			
Camera Capacity	16	64	64
Format	Desktop	1U Appliance	1U Appliance
10/100/1000 Interfaces (Copper, RJ-45)	3	4	3
Storage	1 TB	3 TB	1x 4 TB (4x 8 TB maximum)
Environment			
Power Required	110–240V AC, 60–50 Hz	110–240V AC	100–240V AC, 60–50 Hz, 300W ATX PSU
Power Consumption (Average)	18 watts	60 watts	50 watts
Heat Dissipation	73.7 BTU/h	205 BTU/h	229 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)	-4–167°F (-20–75°C)
Humidity	10–90% non-condensing	5–95% non-condensing	5–95% 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	1.7 x 17.3 x 16.5
Height x Width x Length (mm)	41 x 211 x 133	45 x 433 x 352	44 x 440 x 420
Weight	2.3 lbs (1.1 kg)	13.4 lbs (6.1 kg)	16.3 lbs (7.4 kg)
Compliance			
	FCC Part 15 Class B, CE, VCCI, RCM, UL/cUL, CB	FCC Class A, CE, VCCI, RCM, UL/cUL	FCC/ICES Class A, CE, RCM, VCCI, BSMI, UL/cUL, CB

Order Information

Product	SKU	Description
FortiRecorder 100D NVR	FRC-100D	3x GE RJ45 ports, 1 TB storage, 16 channels.
	FC-10-K0101-247-02-DD	24x7 FortiCare contract.
FortiRecorder 200D NVR	FRC-200D	4x GE RJ45 ports, 3 TB storage, 64 channels.
	FC-10-K0201-247-02-DD	24x7 FortiCare contract.
FortiRecorder 400F NVR	FRC-400F	3x GE RJ45 ports, 1x 4 TB (4x 8 TB maximum) storage, 64 channels.
	FC-10-FK4HF-247-02-DD	24x7 FortiCare contract.
FortiRecorder VM	FRC-VM-BASE	Base license for stackable FortiRecorder-VM (includes 10 camera licenses).
	FRC-VM-10	License to add 10 cameras to FortiRecorder-VM.
	FRC-VM-50	License to add 50 cameras to FortiRecorder-VM.
	FRC-VM-100	License to add 100 cameras to FortiRecorder-VM.
	FC1-10-K00VM-248-02-DD	24x7 FortiCare services for 1-10 licenses.
	FC2-10-K00VM-248-02-DD	24x7 FortiCare services for 1-60 licenses.
	FC3-10-K00VM-248-02-DD	24x7 FortiCare services for 1-110 licenses.
	FC4-10-K00VM-248-02-DD	24x7 FortiCare services for 1-310 licenses.
	FC5-10-K00VM-248-02-DD	24x7 FortiCare services for 1-610 licenses.
	FC6-10-K00VM-248-02-DD	24x7 FortiCare services for 1-1010 licenses.
FortiRecorder Third-Party Camera Licenses	FRC-EXC-1	FortiRecorder third-party external camera license; perpetual license to upgrade 1 camera; electronic license certificate.
	FRC-EXC-5	FortiRecorder third-party external camera license; perpetual license to upgrade 5 cameras; electronic license certificate.
	FRC-EXC-10	FortiRecorder third-party external camera license; perpetual license to upgrade 10 cameras; electronic license certificate.
	FRC-EXC-20	FortiRecorder third-party external camera license; perpetual license to upgrade 20 cameras; electronic license certificate.
Applications and Accessories		
FortiRecorder Mobile app for iOS	Free download	FortiRecorder mobile app for iPhone and iPad.
FortiRecorder Mobile app for Android	Free download	FortiRecorder mobile app for Android smartphones.
FortiCentral for Windows	Free download	AI-enabled Video Management Software for Windows.
Rack Mount Tray	SP-RACKTRAY-01	19" rack tray; holds 2 FRC-100Ds side by side.
Power Injector	GPI-115	1-port Gigabit PoE Power Injector, 802.3af, 15.4 W.
Hard Drives	SP-FRC400F-HDD1	4TB 3.5 SATA hard drive with hard drive tray for FRC-400F.
	SP-FRC400F-HDD2	8TB 3.5 SATA hard drive with hard drive tray for FRC-400F.
Other Products		
FortiGate Firewall*	FG-80E-POE	12 x PoE ports, 2 x WAN ports, 1 x DMZ port, and 1 x HA port.
FortiSwitch POE Switch*	FS-108E-FPOE	L2+ management POE switch; 8 x 802.3af PoE ports with automatic max 130W POE output limit.
	FS-124E-FPOE	L2+ management POE switch; 24 x 802.3af PoE ports with max 370W limit and smart fan temperature control.
	FS-148F-FPOE	L2+ management POE switch; 48 x PoE ports with automatic max 740W POE output limit (48 port 802.3af or 24 port 802.3af).

* Fortinet offers a wide range of firewall and switch products beyond these suggested models. Visit www.fortinet.com for the latest product models and specifications.

FortiCare Services are tailored to meet our customers' deployment and operational needs, no matter the company size or location. Our experts provide accelerated implementation, reliable support, and proactive care to help our customers achieve business continuity with maximum protection.



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