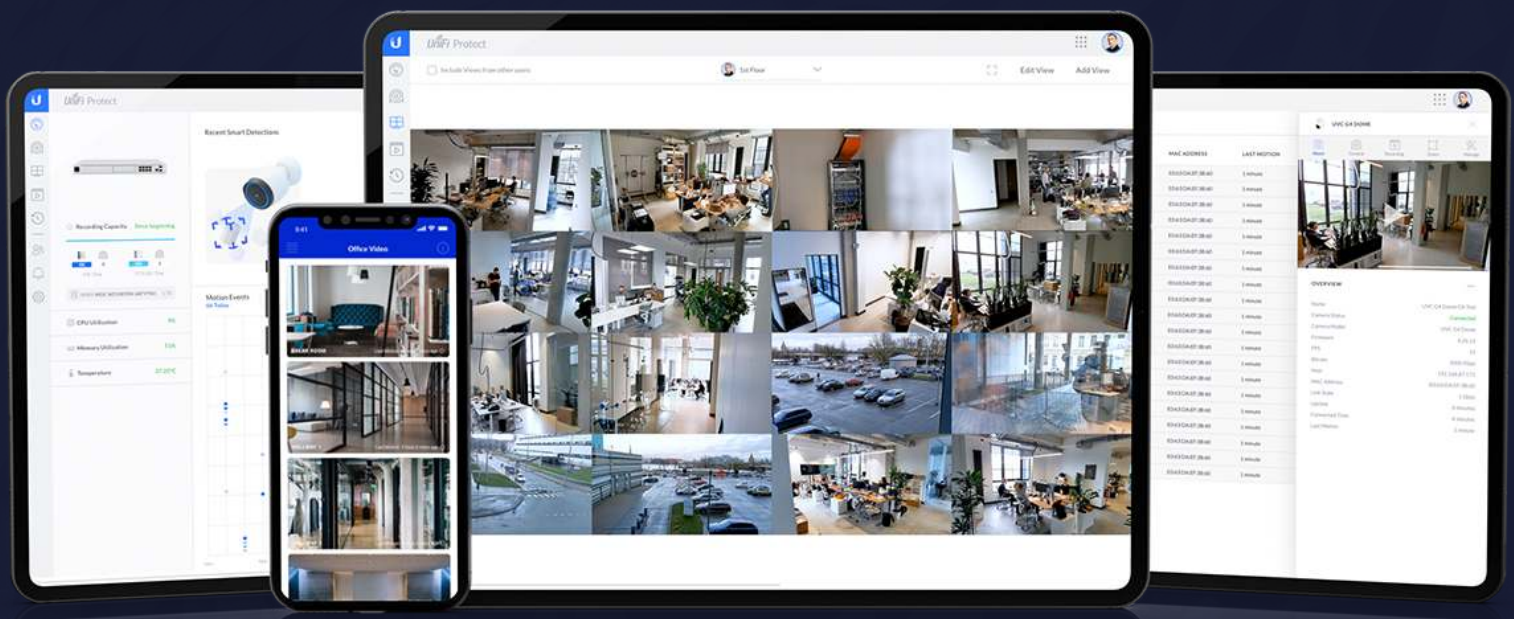
UniFi® Protect NVR

Datasheet
UNVR

UniFi® Protect



UniFi Protect Network Video Recorder

The UniFi® NVR is an enterprise network video recorder that integrates an NVR, the UniFi Protect software, and a 4-drive bay. The UNVR unifies enterprise-class data protection and scalable storage with simple plug and play integration using the intuitive UniFi Protect software. From a desktop computer or mobile device, you can access your surveillance recordings from virtually anywhere using the intuitive graphical user interface. The mobile app is available for iOS and Android-based devices. The drive bays are easily accessed from the front panel, so hard drive mounting and maintenance are simple. Using four 8 TB drives in a RAID 5 configuration, the UNVR can provide up to 30 days of 4k video storage for 15 cameras or Full HD video storage for 50 cameras.



Mechanical

Dimensions	442.4 x 325 x 43.7 mm (17.4 x 12.8 x 1.7")
Weight	Without Rackmount Brackets: 5.11 kg (11.27 lb) With Rackmount Brackets: 5.20 kg (11.46 lb)
Enclosure Material	SGCC Steel

Hardware

Processor	Quad-Core ARM® Cortex®-A57 at 1.7 GHz
System Memory	4 GB
On-Board Flash Storage	8 GB
Max. Power Consumption	100W
Max. Power Budget for Drives	75W
Power Method	(1) Universal AC input, 100-240VAC, 2A Max, 50/60 Hz (1) USP-RPS DC input, 11.5VDC, 10.43A
Power Supply	AC/DC, Internal, 120W
Networking Interfaces	(1) 10/100/1000 Mbps RJ45 Ethernet (1) 1/10 Gbps SFP+ Ethernet
Management Interface	Ethernet In-Band Management
ESD/EMP Protection	Air: ± 12kV, Contact: ± 8kV
Operating Temperature	-5 to 40° C (23 to 104° F)
Operating Humidity	5 - 95% Noncondensing
Certifications	FCC, CE, IC

LEDs

System	(1) Power, Blue/White Flashing White: Bootup in Progress Flashing Blue/White: Firmware Upgrading Steady White: Factory Defaults, Awaiting Adoption Steady Blue: Device is Adopted
Ethernet	Green: 1000 Mbps, Amber: 10/100 Mbps
SFP+	White: 10 Gbps, Green: 1 Gbps
HDD	Amber: Disk Error, White: Disk Detected
RPS	Blue: Ready

Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: www.ui.com/support/warranty ©2020 Ubiquiti Inc. All rights reserved. Ubiquiti, Ubiquiti Networks, the Ubiquiti U logo, the Ubiquiti beam logo, UniFi, and UniFi Protect are trademarks or registered trademarks of Ubiquiti Inc. in the United States and in other countries. All other trademarks are the property of their respective owners.