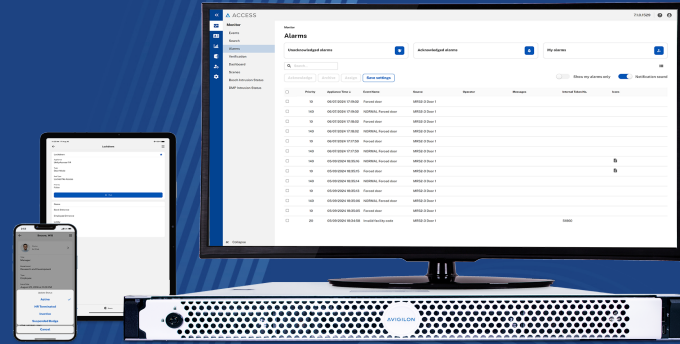




Avigilon Unity Access 7

Enterprise and Enterprise Plus Appliances



Keep your data safe and accessible, no matter the size of your system. The Avigilon Unity Access Enterprise and Enterprise Plus systems are IT friendly on-premise access control systems for enterprise-class installations.

The Unity Access system is a browser-based solution that comes with a full set of standard features that not only offer an intuitive and easy-to-use user interface, but will reliably safeguard your information. The replication option keeps your data in sync across multiple appliances and the hot standby auto-failover feature provides peace of mind with operational continuity.



Intuitive

User friendly on-premise access control software with a browser-based client experience, requiring no software installation.



Open Architecture

Built on an open architecture and supports open-platform hardware to connect with trusted products and solutions from leading third-party manufacturers.



Secure & Reliable

Unity Access appliances are built on a secure and custom Linux operating system, which considerably reduces the risk of virus attacks and helps to eliminate the cost of operating system maintenance.



Integrated

Native integrations with Avigilon Unity Video, Avigilon Decision Management System and Orchestrate (enabling connection to Motorola radios and devices).



Scalable

Enhance security and save costs with a scalable system that can connect up to 4,000 doors to a single appliance (Enterprise Plus only).



Mobile Friendly

Manage your system from any mobile device and swiftly perform daily operations with the Unity Access Mobile App.

For more information, visit [avigilon.com/unity-access](https://www.avigilon.com/unity-access)

Specifications

System	Enterprise	Enterprise Plus
Processor	1 × Intel® 4-core Xeon®	1 × Intel® 6-core Xeon®
Memory	1 × 16 GB DDR5	2 × 16 GB DDR5
Card Readers	Up to 400	Up to 4,000
Inputs	5,060	10,120
Outputs	5,060	10,120
Max. Identities	250,000	500,000
Max. Controllers	1,024	1,024
Max. Simultaneous Operators	20	50
Max. Stored Events	150,000,000	150,000,000
Max. Doors	Up to 400	Up to 4,000
Hard Disk Drive Configuration	2TB 7.2K RPM SATA 3.5in Hard Drive, Cabled	4 × 480GB Solid State Drives, RAID5, 1.3TB effective storage
Transactions (60 minutes sustained)	50,000	150,000
Network Adapter Card	2 × Onboard LOM 1GbE	2 × Onboard LOM 1GbE
Remote Management	iDRAC 9 Basic	iDRAC 9 Enterprise

Mechanical		
Form Factor	1U rack server	1U rack server
Dimensions (H×W×D)	42.8 mm × 482.0 mm × 496.8 mm; 1.7" × 19.0" × 19.6"	42.8 mm × 482.0 mm × 598.9 mm; 1.7" × 19.0" × 23.6"
Weight	9.5 kg (20.8 lbs)	13.2 kg (29.2 lbs)
Cable Management	1U/2U Static Rails for 2-Post and 4-Post Racks	A12 ReadyRails Sliding Rails With Cable Management Arm

Electrical		
Power Input	100-240 VAC	100-240 VAC
Power Supply	Single Cabled 450W Platinum 100-240 VAC	Dual 600W Platinum 100-240 VAC or 240 VDC redundant, hot swap
Power Consumption	450 W, 6.5-3.5 A	600 W, 7.1-3.6 A
Power Cords	1 × generic power cord (C13 / C14), 1 × NA power cord (C13 / NEMA 5-15P). Regional power cord kits sold separately.	2 × generic power cords (C13 / C14), 2 × NA power cords (C13 / NEMA 5-15P). Dual regional power cord kits sold separately.

Environmental		
Operating Temperature	10–35°C (50–95°F) with no direct sunlight on the equipment	
Storage Temperature	-40 to 65°C (-40 to 149°F)	
Operating Humidity	8% RH with -12°C minimum dew point to 80% RH with 21°C (69.8°F) maximum dew point	
Storage Humidity	5% to 95% RH with 27°C (80.6°F) maximum dew point	
Operating Vibration	0.21 Grms at 5 Hz to 500 Hz for 10 minutes (all x, y, and z axis)	
Storage Vibration	1.88 Grms at 10 Hz to 500 Hz for 15 minutes (all six sides tested)	
Operating Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axis of 6 G for up to 11 ms.	
Storage Shock	Six consecutively executed shock pulses in the positive and negative x, y, and z axis (one pulse on each side of the system) of 71 G for up to 2 ms.	

Environmental	
Operating Altitude	3,048 meters (10,000 feet)
Storage Altitude	12,000 meters (39,370 feet)

Certifications	
Certifications/Approvals	UL, cUL, CE, NRCS, NOM, RCM, VCCI, BSMI, CCC, KC, UKCA, RoHS, CMIM, BIS, WEEE
Safety Standards	UL/CSA/IEC/EN 62368-1
Electromagnetic Emissions Standards	FCC Part 15 Subpart B (Class A), ICES-003 (Class A), EN 55032 (Class A), EN 61000-3-2, EN 61000-3-3
Electromagnetic Immunity Standards	EN 55035
Energy Standards	Commission Regulation (EU) No. 617

Supported Access Control & Video Integration Solutions	
Access Control Allegion ASSA ABLOY Bosch DMP EasyLobby® by HID Elmdene Farpointe Data® HID Global® HID PivCLASS®	LifeSafety Power® Mercury Security Salto Simons Voss STid ViRDI Video Avigilon Unity Video Avigilon Decision Management System Motorola Solutions Orchestrate

[X.X]	INCHES
X	MM

Outline Dimensions

Unity Access 7 Enterprise Appliance

Form Factor

1U Rack Mount Chassis

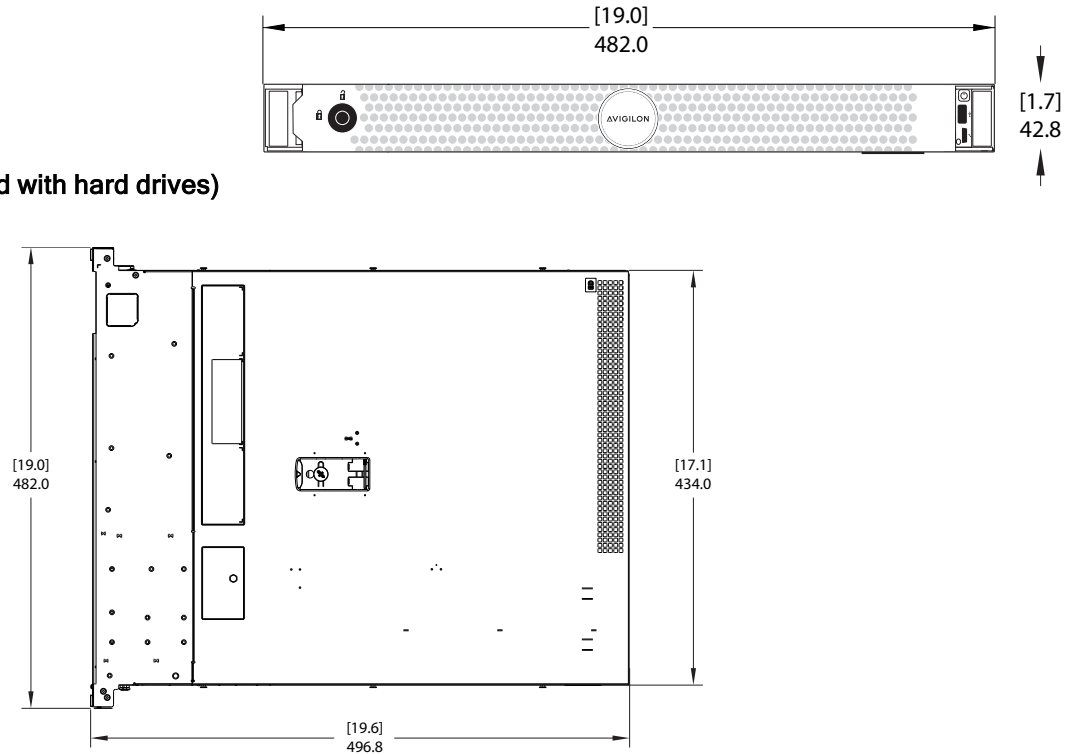
Dimensions (H × W × D)

42.8 × 482.0 mm × 496.8 mm

1.7" × 19.0" × 19.6"

Weight (when fully populated with hard drives)

9.5 kg 20.8 lbs]



Unity Access 7 Enterprise Plus Appliance

Form Factor

1U Rack Mount Chassis

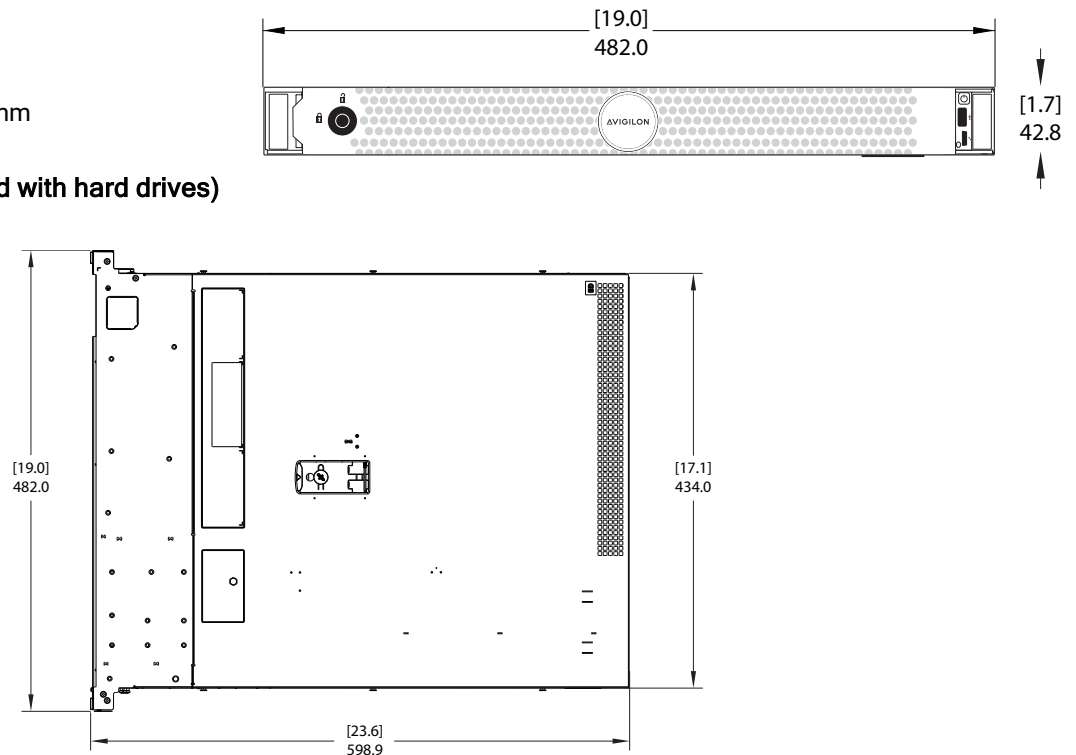
Dimensions (H × W × D)

42.8 mm × 482.0 mm × 598.9 mm

1.7" × 19.0" × 23.6"

Weight (when fully populated with hard drives)

13.2 kg [29.2 lbs]



Ordering Information

Appliances	
UA-APP-ENT-7	Unity Access 7 Enterprise Appliance, includes: 1 × generic power cord (C13 / C14), 1 × NA power cord (C13 / NEMA 5-15P). Regional power cord kits sold separately.
UA-APP-ENT-PLUS-7	Unity Access 7 Enterprise Plus Appliance, includes: 2 × generic power cords (C13 / C14), 2 × NA power cords (C13 / NEMA 5-15P). Dual regional power cord kits sold separately.

Base & Door Licenses	
UA-SW-LIC-BASE-PACK	Unity Access 7 Base Package License (includes 20 doors)
UA-SW-LIC-1DOORS	Unity Access 7 1 Door License
UA-SW-LIC-10DOORS	Unity Access 7 10 Door License
UA-SW-LIC-100DOORS	Unity Access 7 100 Door License
UA-SW-LIC-1000DOORS	Unity Access 7 1000 Door License
UA-SW-LIC-WIRELESS-LOCK	Unity Access 7 Wireless Lock License

Add-on Licenses	
UA-SW-LIC-ALL-IN-ADDON	Unity Access 7 All-in Add-on
UA-SW-LIC-DATA-ADDON	Unity Access 7 Data and Templates Add-on
UA-SW-LIC-AVAILABILITY-ADDON	Unity Access 7 Availability and Network Add-on
UA-SW-LIC-AWARENESS-ADDON	Unity Access 7 Situational Awareness Add-on
UA-SW-LIC-INTEGRATIONS-ADDON	Unity Access 7 Integrations Add-on

Service Plans	
UA-SW-LIC-SERVICE-PLAN-250-1Y	Unity Access 7 Service Plan for up to 250 doors, 1 Year
UA-SW-LIC-SERVICE-PLAN-250-3Y	Unity Access 7 Service Plan for up to 250 doors, 3 Years
UA-SW-LIC-SERVICE-PLAN-250-5Y	Unity Access 7 Service Plan for up to 250 doors, 5 Years
UA-SW-LIC-SERVICE-PLAN-1000-1Y	Unity Access 7 Service Plan for up to 1000 doors, 1 Year
UA-SW-LIC-SERVICE-PLAN-1000-3Y	Unity Access 7 Service Plan for up to 1000 doors, 3 Years
UA-SW-LIC-SERVICE-PLAN-1000-5Y	Unity Access 7 Service Plan for up to 1000 doors, 5 Years
UA-SW-LIC-SERVICE-PLAN-2000-1Y	Unity Access 7 Service Plan for up to 2000 doors, 1 Year
UA-SW-LIC-SERVICE-PLAN-2000-3Y	Unity Access 7 Service Plan for up to 2000 doors, 3 Years
UA-SW-LIC-SERVICE-PLAN-2000-5Y	Unity Access 7 Service Plan for up to 2000 doors, 5 Years
UA-SW-LIC-SERVICE-PLAN-4000-1Y	Unity Access 7 Service Plan for up to 4000 doors, 1 Year
UA-SW-LIC-SERVICE-PLAN-4000-3Y	Unity Access 7 Service Plan for up to 4000 doors, 3 Years
UA-SW-LIC-SERVICE-PLAN-4000-5Y	Unity Access 7 Service Plan for up to 4000 doors, 5 Years

Warranty Extensions	
UA-APP-ENT-WARR-EXTEND-1YR	1-Year Extended Warranty for Unity Access 7 Enterprise Appliance
UA-APP-ENT-WARR-EXTEND-2YR	2-Year Extended Warranty for Unity Access 7 Enterprise Appliance
UA-APP-ENT-PLUS-WARR-EXTEND-1YR	1-Year Extended Warranty for Unity Access 7 Enterprise Plus Appliance
UA-APP-ENT-PLUS-WARR-EXTEND-2YR	2-Year Extended Warranty for Unity Access 7 Enterprise Plus Appliance
UA-APP-ENT-WARR-5Y4HMC	5-Year 4-Hour-Mission-Critical Warranty Upgrade for Unity Access 7 Enterprise Appliance
UA-APP-ENT-PLUS-WARR-5Y4HMC	5-Year 4-Hour-Mission-Critical Warranty Upgrade for Unity Access 7 Enterprise Plus Appliance
UA-APP-ENT-KYD-WARR-5YR	5-year Keep-Your-Drive Warranty Upgrade for Unity Access 7 Enterprise Appliance
UA-APP-ENT-PLUS-KYD-WARR-5YR	5-year Keep-Your-Drive Warranty Upgrade for Unity Access 7 Enterprise Plus Appliance
Warranty extensions must be purchased on the same order as Unity Access 7 Enterprise or Enterprise Plus appliances.	

Accessories	
UA7-APP-IDRAC9-ENT-UPG	iDRAC Enterprise upgrade. Must be purchased on the same order as Unity Access 7 Enterprise or Enterprise Plus appliances after October 1, 2025. Cannot be applied on existing appliances.
UA-APP-SINGLE-POWERCORD-C13-XX	Single power cord, regional variant from options below, for Unity Access 7 Enterprise Appliance (XX=NA/EU/UK/AU)
UA-APP-ENT-PLUS-DUAL-POWERCORD-C13-XX	Dual power cords, regional variant from options below, for Unity Access 7 Enterprise Plus Appliance (XX=NA/EU/UK/AU)

(NA) NEMA 5-15P / C13



(UK) BS1363 / C13



(EU) SCHUKO / C13



(AU) AS3112 / C13



Support

For product support, visit: avigilon.com or sales@avigilon.com

To learn more, visit: avigilon.com/unity-access



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20250822-en Rev A