AVIGILON™

Video Reader Pro

Expandable Access Control for the Modern Workplace

OP-VID-PRO-RDR

The Avigilon Video Reader Pro combines video security and access control into a single device with a modern, mullion form factor. Designed to enhance security with increased visibility at exterior entries, the Video Reader Pro is ideal for securing employee entrances, back doors and parking garages, or high-security areas like IT closets. Associate video footage with access events, and monitor entries in the Avigilon Alta Control Center. The Video Reader Pro is a multi-technology reader that supports both low (125 kHz) and high (13.56 MHz) frequency RFID credentials.

Flexible, Easy Install
Easily install via a single Ethernet cable for power and connectivity. A Wiegand Input/Output can be used to connect to existing legacy systems, no subscription or internet required.

Increase Visibility, Improve Security
Associate video with access events or alerts and monitor entries from the Open Admin app or Control Center to validate activity. Reader height and adjustable camera angle ensures optimal view of person entering.

Easy Management and Monitoring
Software runs in the cloud for easy, secure access and remote monitoring, without the need for local servers. Built-in diagnostics and real-time troubleshooting insights streamline management.

Seamless Provisioning
Integrations with identity service providers, like Okta, Microsoft Active Directory and Google, to streamline end-user roll out when used with mobile credential provisioning.

Fast, Reliable Mobile Access
Patented Triple Unlock with Bluetooth, WiFi and cellular data ensures reliable unlocks, with mobile credential options like Wave to Unlock, and mobile or watch app. Readers also support physical cards and fobs.

Secure and Fail Safe
Tamper-resistant design, with a built-in accelerometer to alert on physical tampering events. The reader features encrypted end-to-end communication and strong public-key cryptography to keep everything protected.

For more information, visit avigilon.com/access-control/video-reader-pro.

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Specifications

Model: OP-VID-PRO-RDR

Camera	Camera Resolution	5MP (2592 x 1944)	Image Sensor	1/2.5" 5MP CMOS
	Recording Rate	25 fps	Bit Rate	CBR, VBR, MBR
	Privacy Areas and Regions of Interest	Yes	Min. Illumination	Color: 2.5 lux B/W: 0.0 lux (IR LED on)
	Video Compression	H.264, MJPEG	Focal Length	2.8mm (F1.6)
	Night Mode	Infrared light for night vision	Anti-overexposure	Yes
		IR range: 9m (29.53ft)	Wide Dynamic Range	HDR (87dB)
	Field of View	Horizontal: 109° Vertical: 81° Diagonal: 136°		
Video Recording	Motion Detection	Detects activity and starts recording		
	Onboard Video Storage	10GB eMMC for network failover recording		
	Cloud Video Storage	30, 60, 90, and 180 day plans available		
Other	QR Code Support*	Capable of reading and forwarding QR codes to third-party systems		

*Enterprise or Premium subscription is required.

Compatibility

Mobile Credential	Bluetooth LE NFC (Android only) Wave to Unlock Apple® Watch® device (paired to iPhone® device)
High-Frequency (13.56 MHz) Cards and Fob Compatibility*	Avigilon DESFire® EV3 Smart Card Avigilon MIFARE® Classic 1K Fob MIFARE Classic, DESFire, Ultralight (ISO14443A) CSN
Low-Frequency (125 MHz) Card and Fob Compatibility	Avigilon Proximity Card Avigilon Proximity Fob HID® Proximity™, ProxCard®, LenelProx®

*The discontinued Openpath EV1 and EV2 cards are still compatible. The EV3-A card is still referred to as the Openpath DESFire EV3 Smart Card.
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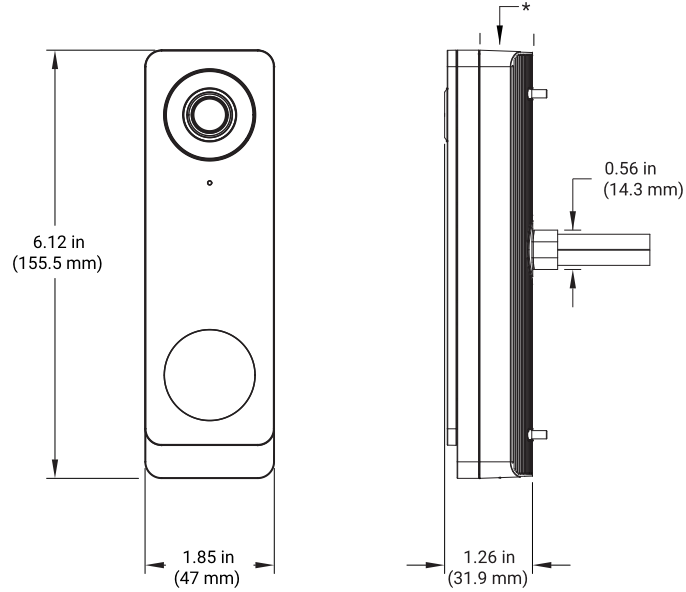
General

LED Indicators	Video Reader Pro power on or off, user access granted or denied, entry or door locked or unlocked, provisioning and connection status to access control system
Wiring	Ethernet for network connection **Note:** The Video Reader Pro does not require a controller to be wired, however, a Smart Hub is required to support locking hardware.
Tamper	Accelerometer sensor to detect tamper events
Power	802.3af PoE , 7.8W power consumption

Dimensions

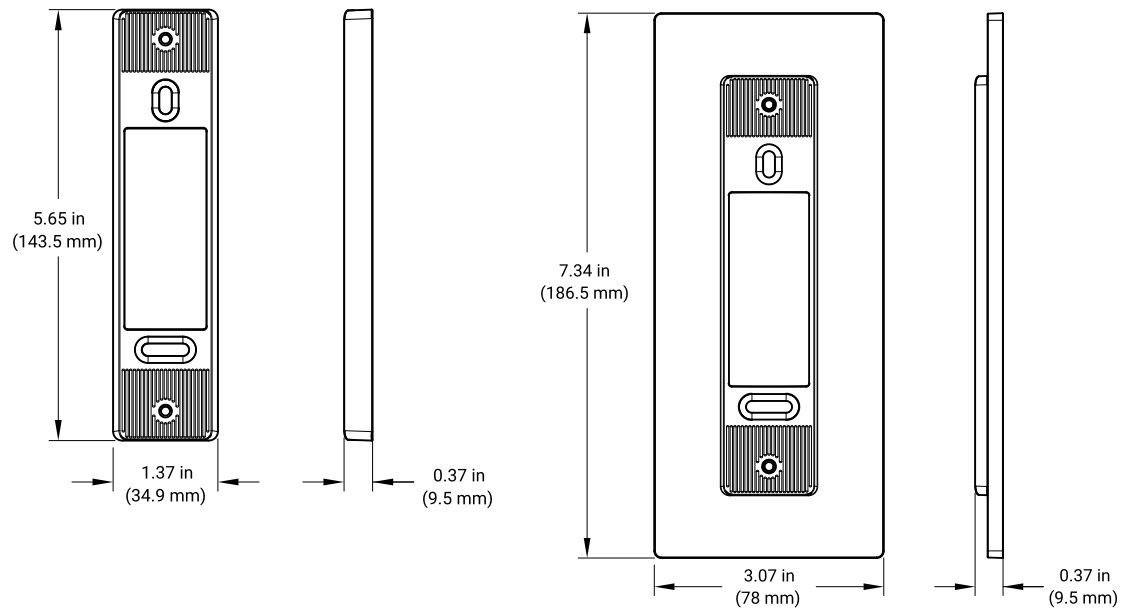**Device Only**

With cradle bracket*

6.12 in
(155.5 mm)

0.56 in
(14.3 mm)

1.85 in
(47 mm)

1.26 in
(31.9 mm)

Weight	0.63 lbs (287 g)

Mounting Plate

Surface mount on wall

Standard mount on wall with US gang-box

5.65 in
(143.5 mm)

1.37 in
(34.9 mm)

0.37 in
(9.5 mm)

7.34 in
(186.5 mm)

3.07 in
(78 mm)

0.37 in
(9.5 mm)

Environmental

Temperature	Operating Temperature: -40°C (-40°F) to 50°C (122°F); Cold start -25°C (-13°F)
	Storage Temperature: -40°C (-40°F) to 50°C (122°F)
Humidity	Operating Humidity: Up to 90% RH non-condensing
IP Rating	IP Rating: Indoor and outdoor IP65 (IEC 60529)

Operating and storage temperatures must not be exceeded.

Regulatory	
Certifications	FCC (United States), IC (Canada), CE (Europe), UKCA (United Kingdom), NOM (Mexico), UL 294* *Performance Levels: Attack Level 1, Endurance Level IV, Line Security Level 1, Standby Power Level 1
Compliance	NDAA, TAA

Warranty	
Avigilon Alta Access Warranty	5 years; for more information, visit avigilon.com/support/warranty

Ordering Information

Part Number	Description
OP-VID-PRO-RDR	Avigilon Video Reader Pro

Support

For more information, visit avigilon.com or sales@avigilon.com for product support.

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