

## AW33

# Wireless Access Controller



## Overview

The AW33 Wireless Access Controller is an easy-to-install, PoE-powered access controller dedicated to Verkada wireless lock deployments. It features an integrated VLink wireless hub, eliminating the need to wire controllers to separate hubs for lock connectivity.

By combining a wireless hub and controller into a single device, organizations can reduce installation and hardware costs while streamlining wireless lock deployments. The AW33 can support up to 16 locks within 150 feet in standard environments, and features built-in backup battery and optional LTE backup.

Like all Verkada access controllers, the AW33 works out of the box and is easy to deploy and manage from Verkada Command. The AW33 comes with a 10-year warranty.

## Key benefits

### Integrated VLink wireless hub

Streamline deployments with an all-in-one device and connect up to 16 locks within 150 feet in standard environments.

### Battery backup

Extend operations during power outages for over 24 hours with an integrated backup battery.

### Centralized, remote management

Manage all deployments from a single platform, accessible from anywhere.

### LTE backup

Maintain operations during network outages with integrated LTE backup.

### Cloud-managed

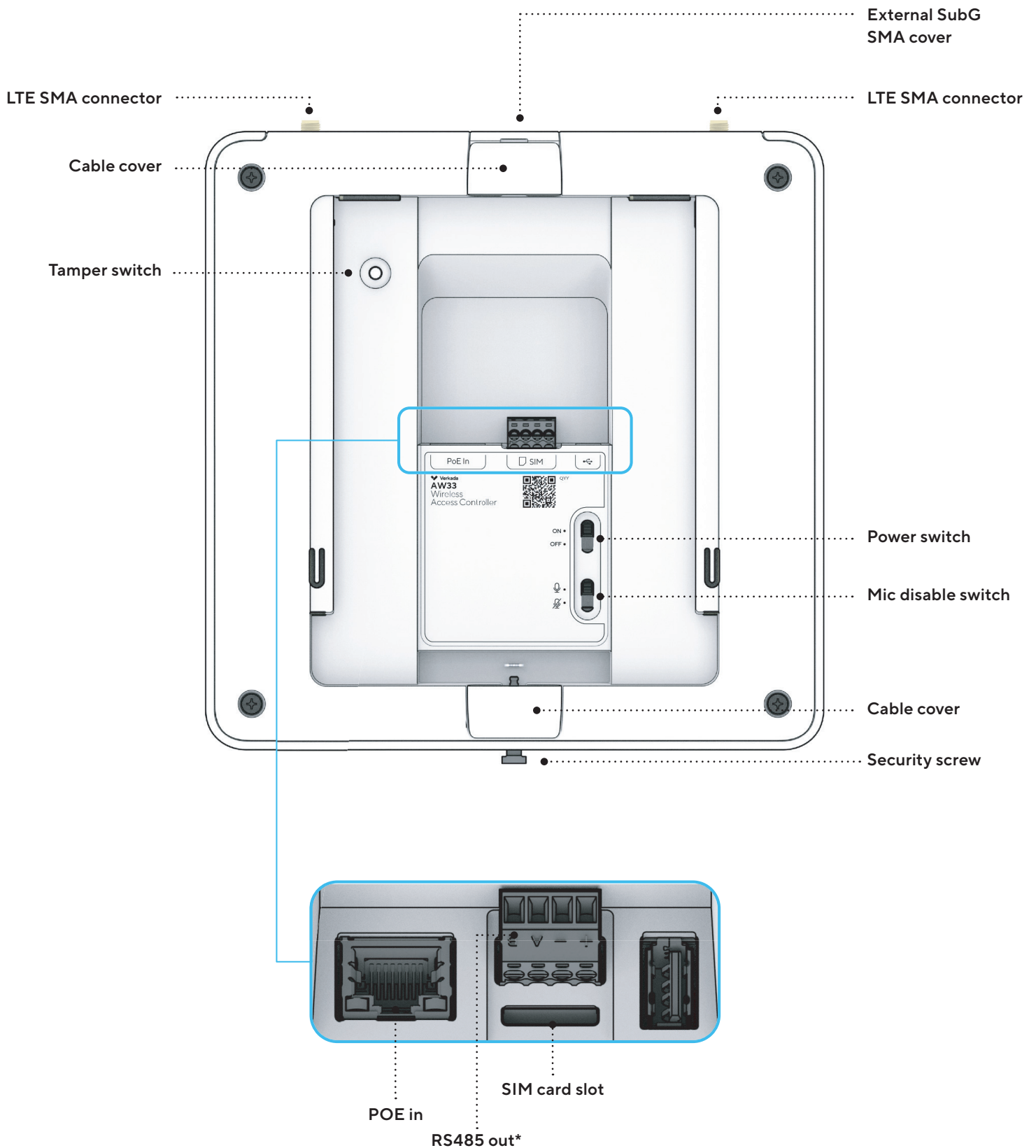
Verkada Command empowers admins to manage their access control system from any device in nearly any location.

### Automatic firmware updates

Keep devices up to date and secure with no manual effort.



## Controller highlights



\*Not evaluated for compliance to UL294 or ULC 60839-11-1



## AW33

## Tech specs

## Power and network

|                                  |                                                                                                    |                               |                                                             |
|----------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------|
| <b>Power consumption</b>         | 3.1W standby, 24.5W max                                                                            | <b>Uplink</b>                 | 100/1000 Mbps RJ45 port<br>Built-in LTE backup communicator |
| <b>Power input</b>               | IEEE 802.3at PoE+ (with RS485 output)<br>IEEE 802.3af PoE (no RS485 output)                        | <b>Wireless communication</b> | VLink sub-GHz transceiver                                   |
| <b>Backup battery (internal)</b> | 57.6 Wh rechargeable LiFePO4 battery<br>30 hours of backup with typical use and<br>no RS485 output | <b>VLink wireless range</b>   | Please refer to the downstream device<br>datasheet          |

## Device controls

|                 |                                                      |
|-----------------|------------------------------------------------------|
| <b>Switches</b> | Power switch<br>Mic disable switch*<br>Tamper switch |
|-----------------|------------------------------------------------------|

## Cellular

|              |                                                                         |                |                                                        |
|--------------|-------------------------------------------------------------------------|----------------|--------------------------------------------------------|
| <b>Modem</b> | CAT 4 LTE modem                                                         | <b>Bands</b>   | LTE FDD: 2, 4, 5, 12, 13, 14, 66, 71<br>HSPA+: 2, 4, 5 |
| <b>SIM</b>   | 1x Nano 4FF SIM slot<br>Verkada SIM included<br>(BYO SIM not supported) | <b>Antenna</b> | 2x paddle antennas<br>(SMA connectors)                 |

## Lock compatibility

|                         |                  |
|-------------------------|------------------|
| <b>Compatible locks</b> | AL54-CY, AL54-MS |
|-------------------------|------------------|

## Available carriers on Verkada SIM

|                      |                                                                                                                                                                                                                         |               |                                                              |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------|
| <b>United States</b> | AT&T, T-Mobile, Verizon Wireless, Alaska<br>Wireless, Choice Wireless, Commnet, Pulse<br>Mobile Teleguam, TELNA, Viaero, Cincinnati<br>Bell, Indigo Wireless, Limitless, Tampnet,<br>Union Telecom, US Cellular, Viaero | <b>Canada</b> | Bell Mobility, Rogers Wireless,<br>Sasktel, Telus, Videotron |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------|

\*The AW33 features a physical mic disable switch, though it is not required or utilized for standard operation.



## AW33

## Tech specs

Compliance and certifications<sup>1</sup>

|                                |                                                                                                                          |                 |                       |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------|
| <b>Compliance &amp; safety</b> | For hardware certification information, please visit <a href="https://verkada.com/compliance">verkada.com/compliance</a> | <b>Cellular</b> | PTCRB, T-Mobile, AT&T |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------|

## General

|                   |                                                                                 |                                                                                      |                                           |                                                      |
|-------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------|
| <b>Dimensions</b> | <b>Main unit:</b><br>H: 7.5in / 19.1cm<br>W: 7.5in / 19.1cm<br>D: 1.8in / 4.4cm | <b>With antennas:</b><br>H: 13.5in / 34.3cm<br>W: 7.5in / 19.1cm<br>D: 1.8in / 4.4cm | <b>Operating temperature and humidity</b> | 32 to 122° F / 0 to 50° C<br>0-90% RH non-condensing |
|                   |                                                                                 |                                                                                      |                                           |                                                      |
| <b>Weight</b>     | 2.8lb / 1.3kg                                                                   |                                                                                      | <b>Warranty</b>                           | 10 years                                             |

## Installation

|                             |                                                                                                 |                         |                       |
|-----------------------------|-------------------------------------------------------------------------------------------------|-------------------------|-----------------------|
| <b>Included accessories</b> | 2x paddle antennas, mount plate, T10 Security Torx screwdriver, 4x wall screws, 4x wall anchors | <b>Mounting options</b> | Wall or ceiling mount |
|-----------------------------|-------------------------------------------------------------------------------------------------|-------------------------|-----------------------|

1. Certifications pending and expected by the product ship date



## Ordering information

### AW33 pricing

| Model number | Description                     | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|--------------|---------------------------------|-------------------------------|-------------------------------|
| AW33-HW-NA   | AW33 Wireless Access Controller | \$1,299                       | N/A                           |

### AW33 accessories

| Model number | Description                               | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|--------------|-------------------------------------------|-------------------------------|-------------------------------|
| ACC-WH-ANT-1 | AW33 VLink External Antenna - Directional | \$799                         | N/A                           |

### Access Control software license pricing (new/capacity increase)

| Model number   | Description                                     | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|----------------|-------------------------------------------------|-------------------------------|-------------------------------|
| LIC-AC-1Y-CAP  | Verkada 1-Year Door License, Capacity Increase  | \$249                         | \$249                         |
| LIC-AC-3Y-CAP  | Verkada 3-Year Door License, Capacity Increase  | \$599                         | \$599                         |
| LIC-AC-5Y-CAP  | Verkada 5-Year Door License, Capacity Increase  | \$999                         | \$999                         |
| LIC-AC-10Y-CAP | Verkada 10-Year Door License, Capacity Increase | \$1,999                       | \$1,999                       |

### Access Control software license pricing (renewal)

| Model number   | Description                           | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|----------------|---------------------------------------|-------------------------------|-------------------------------|
| LIC-AC-1Y-RNW  | Verkada 1-Year Door License, Renewal  | \$249                         | \$249                         |
| LIC-AC-3Y-RNW  | Verkada 3-Year Door License, Renewal  | \$599                         | \$599                         |
| LIC-AC-5Y-RNW  | Verkada 5-Year Door License, Renewal  | \$999                         | \$999                         |
| LIC-AC-10Y-RNW | Verkada 10-Year Door License, Renewal | \$1,999                       | \$1,999                       |



## Ordering information

### Cellular backup license pricing (new/capacity increase)\*

| Model number       | Description                                                  | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|--------------------|--------------------------------------------------------------|-------------------------------|-------------------------------|
| LIC-BX-CEL-1Y-CAP  | 1-Year Cellular Backup License With Data, Capacity Increase  | \$299                         | \$299                         |
| LIC-BX-CEL-3Y-CAP  | 3-Year Cellular Backup License With Data, Capacity Increase  | \$849                         | \$849                         |
| LIC-BX-CEL-5Y-CAP  | 5-Year Cellular Backup License With Data, Capacity Increase  | \$1,349                       | \$1,349                       |
| LIC-BX-CEL-10Y-CAP | 10-Year Cellular Backup License With Data, Capacity Increase | \$2,699                       | \$2,699                       |

### Cellular backup license pricing (renewal)\*

| Model number       | Description                                        | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|--------------------|----------------------------------------------------|-------------------------------|-------------------------------|
| LIC-BX-CEL-1Y-RNW  | 1-Year Cellular Backup License With Data, Renewal  | \$299                         | \$299                         |
| LIC-BX-CEL-3Y-RNW  | 3-Year Cellular Backup License With Data, Renewal  | \$849                         | \$849                         |
| LIC-BX-CEL-5Y-RNW  | 5-Year Cellular Backup License With Data, Renewal  | \$1,349                       | \$1,349                       |
| LIC-BX-CEL-10Y-RNW | 10-Year Cellular Backup License With Data, Renewal | \$2,699                       | \$2,699                       |

\*Cellular backup capability is optional and requires an add-on license.