

# TANlock by Eaton



## Modular access control system for rack enclosures



TANlock by Eaton is the ideal modular access control system (MACS) for IT enclosures, providing the extra security required. Eaton has partnered with best-in-class lock manufacturer Fath Mechatronics, to provide you with the most versatile MACS in the market, providing seven different authentication technologies to meet your needs. With two smart lock models available, TANlock by Eaton gives you the options required to effectively secure your rack enclosures.

### Key features and benefits:

#### Save time

- **Get up and running quickly** with active directory, LDAP and RESTful API support

#### Save money

- **Use your existing rack** by retrofitting to any enclosure with standard universal door cutouts
- **Modular design** allows you to update access requirements as requirements change without replacing the lock

#### Reduce risk

- **Keep unwanted guests out** of your enclosure with two-factor authentication options
- **Monitor and manage access credential logins** to provide access to specific individuals



*Powering Business Worldwide*

## Select your model:

Select either the TANlock Zero for basic, localized security deployments or upgrade to the TANlock 3 PoE connectivity and Eaton software integration for remote management and monitoring.

### TANlock Zero (5V/12V/24V)



- Powered by geared motors
- Master emergency Key
- Connection to SPS

### TANlock 3 (PoE: Power over Ethernet)



- HTTPS
- Syslog
- MS Active Directory, LDAP, RESTful API
- Web API
- Two-factor authentication
- SNMP

## Select your TAM:

With multiple TANlock Authentication Modules (TAM) options for TANlock Zero and TANlock 3, Eaton provides you with a variety of security options. If requirements change, you can change out TAMs without replacing the entire lock. These options provide you with the ability to customize your physical security needs which may differ across industries including the financial and health care sectors.



#### PIN pad

- PIN input
- Combine with RFID for two-factor authentication



#### Hand vein scanner

- Highest security level through hand vein detection



#### RFID (radio-frequency identification)

- 125 KHz frequency band
- 13.56 MHz frequency band
- HID, Mifare, Desfire



#### Finger print scan

- Biometric procedure protects from abuse



#### Touch display

- Authentication through entry at the touch display
- Displays operation parameters like temperature and humidity



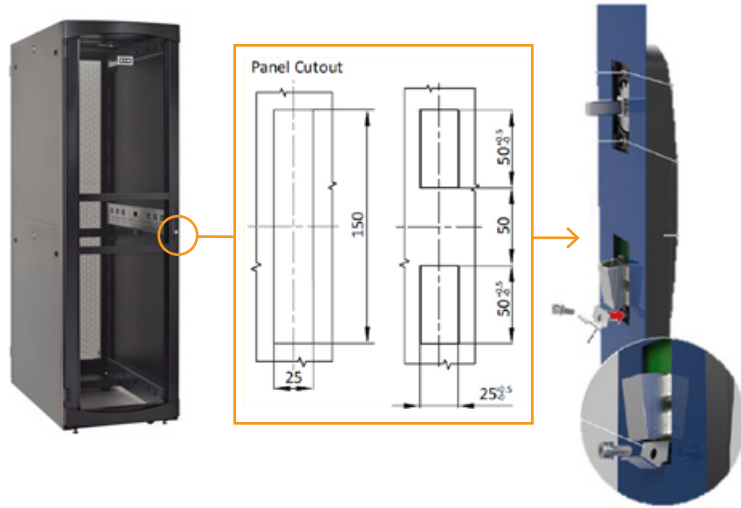
#### Remote

- Access over remote control
- Versatile access possibilities
- 5V, 12V, 24V

## TANlock by Eaton model selection guide

Catalog number	Description
TL3-POE-KPAD	TANLock 3, black powder coated, with Keypad
TL3-POE-RFID	TANLock 3, black powder coated, with RFID Reader
TL3-POE-FNGR	TANLock 3, black powder coated, with Fingerprint reader
TL3-POE-PALM	TANLock 3, black powder coated, with Vein scanner (Palmreader)
TL3-POE-TCH	TANLock 3, black powder coated, with Touch display
TL3-POE-DUAL	TANLock 3, black powder coated, with Dual authentication PIN/RFID
TL3-POE-CODE	TANLock 3, black powder coated, for Bar Code / QR Code
TLZ-REMOTE	TANLock Zero, black powder coated, with remote opening
TLZ-KPAD	TANLock Zero, black powder coated, with Keypad
TLZ-TCH	TANLock Zero, black powder coated, with Touch Display
TLZ-RFID	TANLock Zero, black powder coated, with RFID 13.56 Mhz
TLZ-FNGR	TANLock Zero, black powder coated, with Fingerprint
TLZ-DUAL	TANLock Zero, black powder coated, with Dual authentication PIN/RFID

**Select your enclosure:** Both TANlock Zero and TANlock 3 options integrate directly into Eaton enclosures, as well as any other enclosure with a universal cutout door dimension.

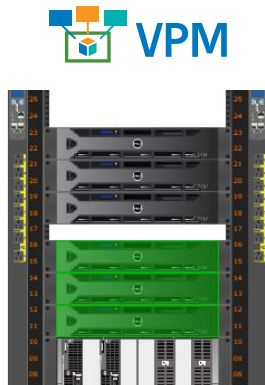


TANlock options come with all required hardware for mounting to an Eaton enclosure or other universal cutout enclosure doors. For required dimensions and installation instructions, consult the user guide found at [Eaton.com/TANlock](https://www.eaton.com/TANlock).

**Select your management options:** TANlock offers multiple communication options when it comes to connecting it into your IT/facilities infrastructure for management purposes.

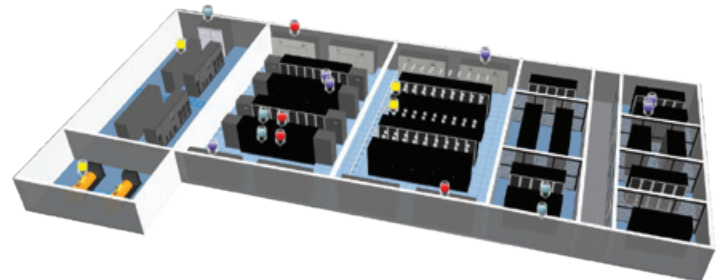
## Ready for deployment into Eaton VPM/VCOM software offerings:

Bolster the security of your IT enclosures via simplified remote management, status logging and access controls down to the individual rack level. A part of the Eaton Intelligence Platform, Visual Power Manager (VPM) and Visual Capacity Optimization Manager (VCOM) are your Eaton software solutions for TANlock.



VPM provides IT managers of data centers and distributed IT environments the tools to remotely monitor their power devices, including all UPSs and PDUs. An HTML5-based platform, VPM is easy-to-deploy, simplifies day-to-day monitoring and helps maintain business continuity. VPM offers two levels of licenses. VPM Essential is a self installable, subscription-based license that offers essential power management capabilities in a simplified interface for a competitive price; VPM Professional offers the ability to visualize infrastructures with asset management and location-based analytics to take necessary actions for continuous uptime of critical applications.



[Eaton.com/VPM](https://www.eaton.com/VPM)



VCOM, Eaton's data center system optimization (DCSO) platform, is an intuitive remote monitoring and management software that provides you with valuable information to make better business decisions. The HTML5-based platform features capabilities designed to reduce data center operational expenses, improve system and application reliability and mitigate risk through data analysis. You gain the unique ability to not only easily track usage, utilization, capacity limits and more, but also the advantage of reacting quicker to address any related concerns. The value of VCOM is not limited to one type of data center business. Rather, VCOM creates huge opportunities for users from small businesses to commercial enterprises.

[Eaton.com/VCOM](https://www.eaton.com/VCOM)

# VPM/VCOM comparison chart

Features			
	Essential	Professional	
Maximum monitored devices supported <sup>1</sup>	Up to 1,000	Up to 500,000	Up to 500,000
Fully HTML5 web interface	✓	✓	✓
Auto discovery	✓	✓	✓
Mass firmware upgrade tool	✓	✓	✓
Mass node-settings configuration tool	✓	✓	✓
Send email notifications	✓	✓	✓
Monitor third-party devices	✓	✓	✓
List based asset catalog	✓	✓	✓
Self installable virtual appliance	✓		
Event-based automation	✓	✓	✓
Integrated reporting engine	✓	✓	✓
Microsoft Active Directory integration	✓	✓	✓
Supports LDAP authentication	✓	✓	✓
Dashboard with trend analysis	✓	✓	✓
Multi-tenant user access control	✓	✓	✓
Location based navigation		✓	✓
Visual, map-based alarm status		✓	✓
3D rack elevation builder		✓	✓
Rack group aggregated data analytics		✓	✓
Intelligent single click, remote device power cycling		✓	✓
Power aggregation through the power chain		✓	✓
ITSM integration (ServiceNow, Remedy, etc.)		✓	✓
Full end-to-end facilities monitoring (utility entrance to IT application)			✓
Workflow management (project, task, work order)			✓
Security Studio – cameras, locks, etc.			✓
3D visualization – facilities equipment, IT rack and hardware, office space, chilled water, cable tray			✓
Project planner (IT and facilities deployment tracking)			✓
Capacity planner / "what if" scenarios (by project or ad hoc scenarios)			✓
Impact/root cause analysis			✓
Asset warranty/service deployment tracking maintenance log			✓
Advanced port mapping (power + network and fiber)			✓
Site level dashboards and business intelligence			✓

<sup>1</sup> Based on standard architecture, more can be achieved with evaluation by Eaton.

To learn more, visit: [Eaton.com/TANlock](https://Eaton.com/TANlock)