

Training Library

User Guide

Curated training resources for access control technicians —
low voltage fundamentals, RS-485/Wiegand, NEC code,
NICET certification, and manufacturer portals.

Quick Reference

Command: /training or tap Training on home screen
Access: Requires active subscription or trial
Resources: Free external resources linked
Certification: NICET certification guide included

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1. Getting Started

The Training Library is a curated collection of learning resources for access control technicians. Topics range from basic low voltage fundamentals to advanced NICET certification prep.

To open the Training Library:

- Type /training in the chat, or
- Tap Training on the home screen keyboard

You'll see topic buttons for each training area. Tap any topic for curated resources including free online courses, YouTube videos, certification guides, and manufacturer training portals. Content is translated on-demand for non-English users.

Tip: All linked training resources are free unless otherwise noted. Manufacturer training portals typically require free registration.

2. Available Topics

The Training Library covers topics from fundamentals to certification. Tap any topic button to view curated resources and links.

Topic	Description
Low Voltage Fundamentals	Ohm's law, basic wiring, starter resources
RS-485 & Wiegand Wiring	Protocol guides, OSDP comparison
Access Control Architecture	Panels, SIOs, readers, locks connectivity
Electric Strikes & Mag Locks	Fail-safe/fail-secure, wire sizing, fire code
IP Networking	VLANs, PoE, camera integration
Door Hardware & Frame Prep	Templates, frame types, mounting
NEC Article 725	Class 2 circuits, fire barriers, inspections
NICET Certification	4 levels, exam prep, practice tests
Manufacturer Portals	Allegion, HID, Axis, Bosch, Genetec, PDK (free)
Door Installation & Prep	SDI standards, closer adjustment, install videos

3. NICET Certification Levels

NICET (National Institute for Certification in Engineering Technologies) offers 4 certification levels for Electronic Security Systems (ESS). Many commercial contracts require NICET Level II or higher.

Level	Experience	Role
Level I	Entry	Technician
Level II	2+ years	Most common commercial requirement
Level III	5+ years	Senior / designer
Level IV	10+ years	Expert / consultant

Resources included in the Training Library:

- Official NICET handbook and exam content outline
- Free practice tests and sample questions
- Flashcard sets for key topics
- Webinars and video walkthroughs — all free

Tip: Start with Level I even if you have experience — it builds the foundation for the more challenging Level II and III exams.

4. Free Manufacturer Training

Major access control manufacturers offer free or low-cost training programs. These are excellent for learning product-specific installation and configuration techniques.

Manufacturer	Platform	Cost
Allegion	120+ videos	Free
HID Academy	250+ courses	Free
Axis Communications	Online courses	Free
Bosch Academy	Courses	Free (registration)
Genetec	Certification program	Varies
ProdataKey	Training portal	Free

Tip: Allegion and HID Academy have the largest free libraries. Start there for the broadest coverage of access control topics.

5. Quick Reference

Action	How
Open Training Library	Type /training or tap Training on home screen
Browse topics	Tap any topic button for curated resources
Return to menu	Tap ← Back on any topic page
NICET prep	Select NICET Certification for exam resources
Manufacturer training	Select Manufacturer Portals for free courses
Wiring protocols	Select RS-485 & Wiegand for protocol guides
NEC code	Select NEC Article 725 for Class 2 circuit rules
Change language	Use /language — topics translate automatically