



# Keeping Schools Safe, Healthy and Secure

K-12 Trusted  
Access Solutions

dormakaba 



## Confidence at Every Opening for K-12

Balancing the needs of students, faculty and staff for safety, health and security, while providing a productive and inviting educational environment requires purposeful design and careful selection of all aspects of the school facility. dormakaba extensive selection of products are engineered and designed to address various safety, security and health challenges. No matter the size of your school, campus or district. Systems can range from traditional locksets to more sophisticated electronic access control systems.

Premium-quality products ensure schools have the access, egress and lockdown capabilities they require. Students, employees and visitors interact with access control solutions every day as they enter and leave the building or individual rooms. The school environment should be welcoming and engaging to not only those who work and attend everyday but to individuals who visit during or after school hours. Access solutions should be functional, yet unobtrusive, so that schools can focus on educating their students.





## Safety Measures for K-12 Schools

Safety at school represents the biggest priority of administrators everywhere. Modern security threats, the number of personnel at schools requiring different levels of access, making visitors feel welcomed and securing large campuses and districts are just a few of the challenges. While newer schools are designed with a prominent entryway, fewer access points and perimeter safety measures, there are many options for upgrading existing classroom and campus security.

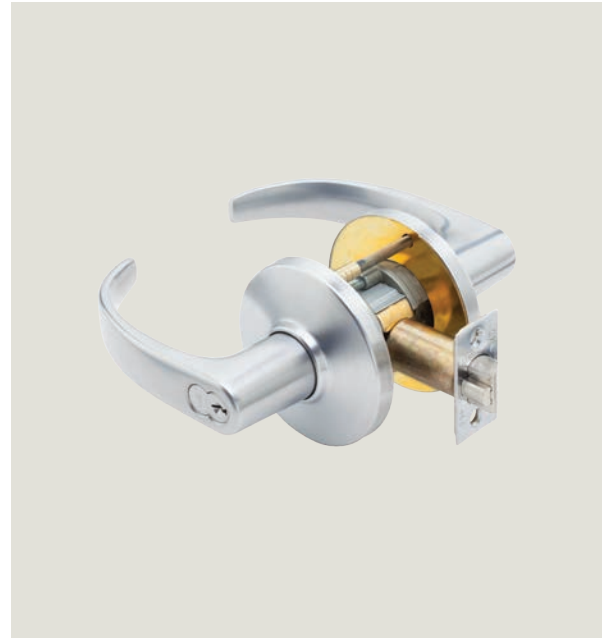
While these choices vary in scope and scale, decisions to use multiple products concurrently should support district policy, promote the learning experience, and encourage community connections. Education facilities should project a warm and welcoming environment for students, employees and visitors.

Most schools have some security measures in place that limit or control access as well as monitor or restrict students' or visitors' actions. These measures can include:

- Video surveillance
- Identification badges
- Telephone system or intercoms
- Installing or upgrading access control systems
- Radio communications with first responders
- Panic alarms
- Emergency notification systems
- Fences or locks

## Classroom Locks

Safety can start simply with a new top-choice classroom lock. The **BEST 9K Lock** can secure classroom doors simply, safely and reliably. In an emergency, locking classroom doors quickly from the inside is a critical step in protecting children and staff. The BEST 9K lock is a classroom lock with an easy-to-understand marking on the classroom side of the lock that shows which way to turn the key to lock the door from the inside of the classroom. This simple, yet significant, marker can make a big difference when every minute counts. BEST mechanical locking solutions are an integral part of a comprehensive security strategy and are also a cost-effective answer to the ongoing demand to make schools and classrooms more secure.





## Exit Device



Going beyond the classroom locks, exit devices are key to providing safe egress solutions (ability to exit a space or building) both daily and during fire and life safety emergency situations. dormakaba's portfolio includes exit devices that meet virtually every application imaginable within an educational setting.

### 9000 Series

The 9000 Series heavy-duty exit device is the go-to solution for superior durability with a reduced projection profile for the touchbar to minimize catch hazards. Both features are critical in high-traffic K-12 environments. The 9000 Series includes Barrier-Free, motorized latch retraction, and mortise lock options to meet the needs of any opening.

- **Durability** - Heavy-duty construction, available in wide and narrow stile
- **Germ Mitigation** - Antimicrobial protected coating available
- **Safety Requirements** - NFPA life safety code and ADA compliant
- **CBA Compliance** - Meets California Building Code for maximum 5-lb operating force (9300, 9500, 9700)

### Intruder Function

The demand for quick and efficient facility lockdown has grown significantly. The [BEST Precision 2110VI \(visual indicator\)](#) heavy-duty exit device with intruder function enables the locking of an exterior exit device, mortise or cylindrical lever handle from the interior side without the need for opening the door.



The Intruder Function includes key feature:

- **Directional Indicator** – Clearly shows the correct direction to rotate the key or thumb-turn for quick quarter-turn lock down.
- **Lock/Unlock Status Indicator** – Allows users to quickly determine if the outside lever is locked or unlocked.
- **Durability** – Integrated lock/unlock status indicator is less vulnerable to damage and ensures continuous performance even in high-use environments
- **Easy-Viewing** – Visually friendly with bright reflective material to enable easy to identify lock/unlock status even in low light
- **Healthy Options** – Multiple finishes available including stainless steel with antimicrobial coating
- **Simple Upgrades** – Conversion kits enable simple field conversion of existing 2108 or 2110 models

# Healthy Access Control Interactions

Door hardware products are some of the most touched surfaces in any building. Keeping these items safe and clean is important for all building occupants. Committing to safety and security in schools does not mean compromising on health concerns. There are multiple options for ensuring that door hardware operation minimizes health risks including proper cleaning protocols, utilizing antimicrobial finishes, and implementing products with touchless door operation.



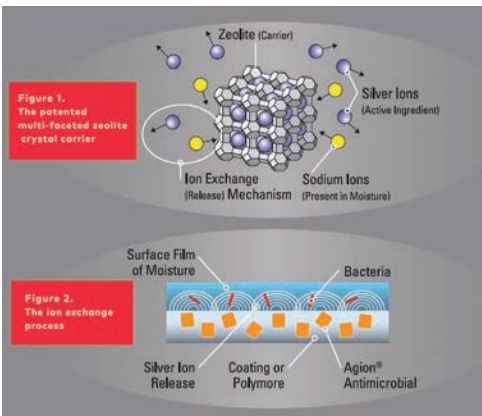
## Touchless Access

Going keyless is the first step to controlling access and improving school safety. Touchless door activation eliminates high touchpoint hardware for many access applications from perimeter to interior doors. Touchless access is the best option for clean, hygienic operations. dormakaba has developed many solutions to fit the needs of touchless access including touchless switches and **low energy swing door operators**.



**Touchless door switches** deliver effortless operation for access control, door automation, alerts and handicap accessibility. Touchless switches allow for adjustable detection zones to reduce unwanted activations and are available with remote control options to trigger the switch remotely. Touchless operation of door openings offers additional benefits including ease of use for children or occupants carrying objects or pushing carts, allowing easy movement throughout your building.

## Antimicrobial Finish



dormakaba's UltraShield is recommended where product cleanliness is a high priority. Ultrashield is an antimicrobial finish that offers additional health safety benefits for high usage openings, protecting your employees, students and visitors from bacteria and microbe transfer. The antimicrobial finish is silver-based plating that helps inhibit the growth of bacteria, fungi, mold and mildew. The simple action of the antimicrobial coating depletes microbe food and oxygen production and occurs on-demand when microbes are present. UltraShield provides continuous, 24/7 protection against the growth of microbes on a wide range of door hardware products including cylindrical locks, mortise locks, panic devices and trims.

### UltraShield Antimicrobial Finish highlights:

- **Safe** – Unobtrusive silver protection
- **Durable** – Lasts the life of the product
- **Effective** – On guard 24/7 to inhibit microbe growth



UltraShield cannot be applied after a product has been installed. It is an application that must be a part of the manufacturing process. It is a safe finish that is listed with the EPA and FDA for use in medical and food preparation equipment. Antimicrobial hardware is an ideal retrofit solution for hardware that cannot be replaced with touchless solutions.

Please note that implementing antimicrobial finishes or touchless solutions should be in conjunction with regular cleaning with appropriate materials and techniques through standardized operational activities.



# Site-Wide Access Solutions for Secure Schools

A Keyscan Access Control System goes beyond safe and healthy solutions for individual openings. A networked access control system expands access control by offering centralized access control management, facility lockdown, alarm integration, real-time event tracking as well as maintaining operations in multiple locations with a common database. For system administrators, a centralized access control management system allows them to add or delete users or program locks without having to visit the lock.

## Keyscan Aurora Access Control Management Software

A secure environment demands accurate identification and authentication of credentials when admitting authorized personnel. dormakaba's Keyscan access control systems provide a secure solution for schools requiring authorized access to secured areas. With an emphasis on performance and sustainability, dormakaba's Keyscan Aurora access control software provides just that. With many features and integration options, it provides a single solution for access control with no limiting or expansion governors or recurring fees. Keyscan Aurora is ideal for any access control application, regardless of size or complexity.

### Aurora key benefits include:

- **Secure Remote Control** - Control the system from any web-enabled PC or mobile device
- **Enhanced Network-Based Lockdown** - Ideal for any local or network-wide emergency response plan
- **Custom Integrations** - Software Development Kit (SDK) license
- **Multi-Language Support** - English, French, Spanish and Portuguese

When in lockdown, teachers simply close the door without stepping into the hallway.

Lockdown is simple to use and can be programmed to initiate several ways.

- 1) Software: Lockdown can be initiated by software at local PC or central operation command
- 2) Keyscan's P3 function: any authorized teacher or administrator can initiate a partial or complete lockdown by tapping a credential 3 times at any reader.

During the emergency lockdown state, only a mechanical override key or the Normal Operation Command from the software will open the door from the outside -- free egress (the ability to exit the building or specific room) is maintained. In addition, none of the other valid user credentials will open the door (unless the system settings have been customized and the key override is not the default). As a result, if an intruder has obtained access to a credential, card or PIN, and attempts to access a door, access will not be granted.

Combining access management software with a lockdown system provides the capability to lock every opening of a building or campus with the press of a button, instantly creating a secure environment and significantly reducing the risk to all occupants. dormakaba delivers smart and secure products designed to maximize efficiency and the user experience while promoting a welcoming and safe learning environment.





## E-Plex® 7900RFID Electronic Lock

The E-Plex® Access Control System with Wireless Option is a modular and scalable solution for managing access points. It offers the features and functions of an electronic lock and an online system minus any wiring, conduit runs, access panels, additional power supplies or exterior trenching or drilling. This system is a flexible and wide-ranging solution that also allows for robust lockdown solutions. E-Plex Access Control Solution with Wireless Option on perimeter doors and interior doors offers school districts smart solutions for secure schools.

The system is comprehensive with its breadth of features and functions.

- **Flexible Lockdown** - Provides quick and easy lockdown system with multiple options, including campus-wide, door groups or individual doors
- **Stand-Alone Solution** - Provides the functions of a hard-wired online access control system without the hassle and costs of wiring, access panels, trenching, and drilling
- **Remote Access** - Administrators can add, delete or program locks remotely
- **Programmable Scheduling** - Empowers staff and faculty to perform job functions according to schedules and needs
- **Scalable** - Allows individual schools to add locks when needs develop and the budget allows
- **Compatible** - function with Keyscan Aurora software and are compatible with Keyscan access systems and credentials.





## Innovative Access Control

There are many additional solutions available to contribute to access control while simplifying efficient movement through and access to K-12 facilities. **Switch™ Tech Cores** make it possible to create new layers of protection and access across a range of applications. A wireless, easy-to-learn, easy-to-use app integrates seamlessly with existing access control systems and allows instantaneous, secure management of all users, plus visibility into who is accessing what and when.

With Switch, key management becomes a thing of the past. Switch can be installed in a wide range of applications where almost any SFIC lock is currently installed to turn mechanical locks into digital locks. By integrating with the existing access management software, credentials can easily be managed and granted to users to their smart phone or key fob. Converting to digital access has never been easier or more affordable.

### Emergency Plans

In addition to enhanced safety measures, K-12 schools need clear emergency plans and procedures, escape routes, and lockdown drills. Lockdown drills are necessary when there is an “out of control” student, individual with a weapon, an intruder, hazardous condition outside the building or a weather-related event.

# Conclusion

A safe, healthy and secure school is not an option, but rather an expectation among staff, faculty, students, and parents. District administrators, principals, and facility managers at K-12 schools need to balance the mix of safety measures in order to support district policy, promote the learning experience, and encourage community connections. A higher level of safety can be achieved by incorporating a combination of these solutions, many of which are scalable and can be implemented in stages as needs change.

K-12 schools can start out securing just a few access points and when needs arise and the budget allows, add access control to more doors. Upgrading key exit devices or classroom locks can be easy solutions for creating a safer school environment. Incorporating solutions with antimicrobial products and touchless access solutions provides immediate and long-term improvements in preventing the spread of germs and contributes to the overall health of every occupant or visitor.

By incorporating lockdown solutions and integrated access management software, schools can respond quickly to threats and other dangerous situations as well as have visibility and control throughout the campus to ensure the right people are accessing the right facilities or individual rooms. Implementing an access management software platform provides centralized monitoring and management of real-time controlled entry and exit points throughout your entire facility—offices, classrooms, gymnasium, hallways and perimeter.

All these solutions are available to help you improve the safety, health and security of your school classrooms, buildings and facilities. They fit seamlessly into your daily operations, and in many ways simplify them, all to help you create an open and inviting learning environment.

