DIGITALKEYS 5G IoT SMART PADLOCK

The Digitalkeys 5G IoT smart padlock is connected weatherproof access control solution for any application.

5G IoT SMART PADLOCK

BUILT TO WITHSTAND ALL ACCESS NEEDS AND ELEMENTS. UNLOCK SMARTER WITH THE TOUGH NEW DIGITAL KEYS 5G IOT SMART PADLOCK.

Digitalkeys has invested years of working with some of the best minds in the security and telecommunications industry – to build the most reliable and smartest connected padlock on earth. With exceptional attention to detail, premium materials, and 5G IoT technology inside – Digitalkeys smart padlock looks great while packing technological power and mobile network security/ and encryption features.

The Digitalkeys smart padlock offers a unique solution ideal for utility providers – electric power stations, telecom network services, industry applications, and more – and property services that need an additional level of security to control specific doors like gates or storages, without losing a piece of convenience and control. Even though they are in a remote location or underground, our padlocks receive coverage on the global 5G IoT mobile network 20% beyond normal mobile phone coverage. And because they are often outdoors, the electronic solution they need has to include a product that can weather the extreme elements.

The smart padlock has CE and IP67 weatherproof certifications, and it has also passed many other test including EN standards for vibrations, shock, dropping and water immersion.

Above: Photos of the smart padlock being tested for dropping, vibrations and water immersion (left to right)

Manage the security of your site 24/7 easily with an advanced, reliable electronic locking and communication technology called NB-IoT that meets all of the security requirements and more. Ensure facility security and accessibility to efficiently manage your building while providing a better user keyless and mobile experience.

STRENGTH/ PROTECTION

The Digital Keys 5G IoT smart padlock case is made of strong stainless steel with armoured glass numberpad to guarantee the ultimate protection from falls, shocks and the hardest environment or usage.

ULTIMATE TECHNOLOGY

With inbuilt iSIM and IoT modems, the padlock connects to the global 5G IoT network in 85 countries, enabling you to take advantage of mobile network security and encryption features

DIGITAL KEYS UNLOCKING

Users can unlock with the Digital Keys app, inside our cloud-based smart access management software and with NFC cards/phones and time-sensitive PINs.
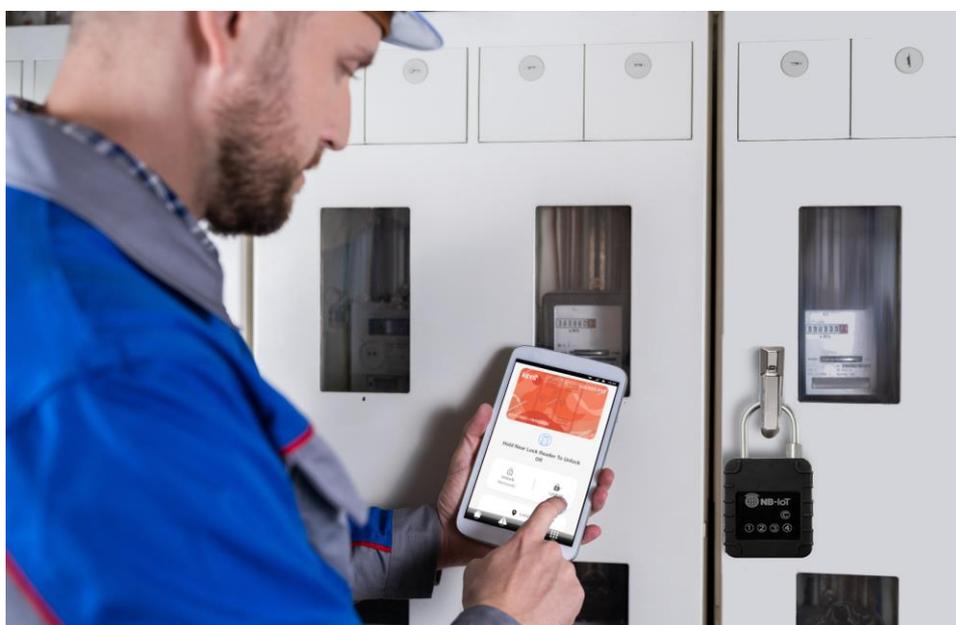
TESTED AND APPROVED

Attack/shock/drop/water resistance certification EN 60529

IP67 certification: Waterproof performance and high durability.

Tested against extreme temperatures: Including freezing conditions (-35ºC) and high heat (+65ºC).

Certified according to CE, FCC

Low battery status capabilities monitor your smart padlock battery levels to make more efficient access management, minimize lifecycle costs and reduce maintenance costs.

POWER FOR EVERY ACCESS, TECHNOLOGY FOR ANY APPLICATION

With a long-lasting performance (with 2 18650 Lio-on batteries), the Digitalkeys 5G IoT smart padlock gives you the power you need to maintain your security. Low battery status capabilities monitor your smart padlock battery levels to make more efficient access management, minimize lifecycle costs, and reduce maintenance costs.

The Digitalkeys smart padlock is outfitted with in-built iSIM cards and modems to connect to the internet and cloud-based access management software. This also provides the ability to integrate all of your physical security needs through smart, wireless, and battery-operated smart door locks, giving system operators all the latest user access information for virtually all of the doors in a facility.

The new Digitalkeys 5G IoT smart padlock, and NB-IoT technology, delivers the most complete locking platform on the market. Complete hardware and electronic locking platform, which fits virtually any door and any access point with an advanced, reliable electronic locking technology that meets all of the security requirements and more. Ensure facility security and accessibility to efficiently manage your facility while providing a better user keyless and mobile experience.
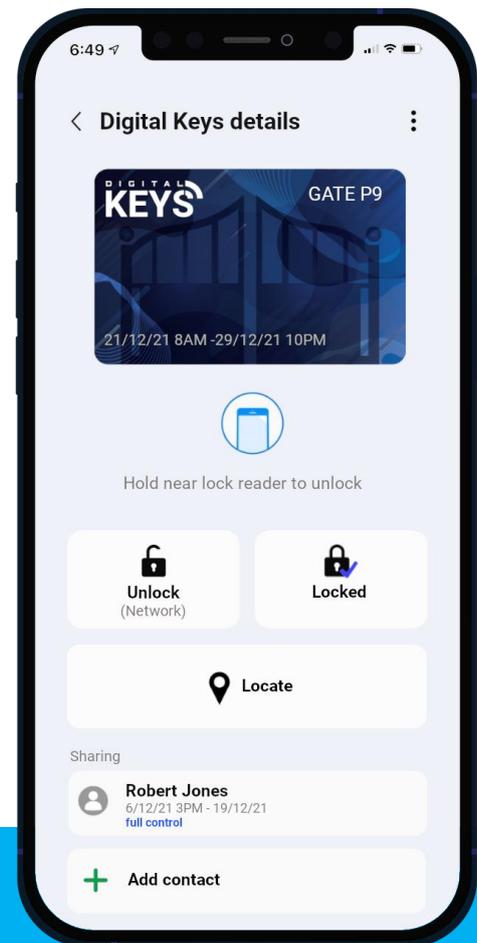
A HIGH-PERFORMING, SMARTER, KEYLESS, AND MOBILE ACCESS EXPERIENCE

The DIGITALKEYS 5G IoT smart padlocks sets a new bar for connectivity in access control. It packs the latest 5G IoT wireless cutting-edge real-time technology, more functionality, and performance capability, allowing businesses to connect to the internet without any onsite equipment or infrastructure.

Access rights of lost, stolen, or unreturned keys can be quickly and inexpensively removed from the system and/or digital keys can be issued immediately to the user's mobile out in the field. With inbuilt iSIM cards and modems, every DIGITALKEYS 5G IoT smart padlock gives users and system administrators the capability to send or receive a digital key to users phones to open any door or gate for any selected time period.

DIGITAL KEYS:

5G IOT/NFC UNLOCK
Proven mobile and secure technology to create unique keyless experience anytime, from anywhere, and on any device.

QR CODE UNLOCK
Increase flexibility and improve security. Easy, efficient, and intuitive automated key delivery to create unique keyless experience.

WRITE TO NFC CARDS
Send or receive a secure key to open any door. Issue, cancel, and restrict keys to specific times and locations. Copy digital keys to NFC cards.

CORE TECHNOLOGIES

NB-IoT
NFC
Cloud computing

5G IoT – 5G IoT technology includes NB-IoT and LTE-M - standards-based low power wide area (LPWA) technology developed to enable a wide range of new IoT devices and services. 5G IoT significantly improves the power consumption of user devices, system capacity and spectrum efficiency, especially in deep coverage.

NFC - Near-Field Communication (NFC) is a set of communication protocols for communication between two electronic devices over a distance of 4 cm ($1\frac{1}{2}$ inches) or less. NFC offers a low-speed connection with simple setup that can be used to bootstrap more-capable wireless connections.

Cloud computing – Cloud computing is the delivery of computing services – including servers, storage, databases, networking, software, analytics and intelligence – over the internet ("the cloud") to offer faster innovation, flexible resources and economies of scale.

By combining the above technologies it means we can meet the highest demands related to security, connectivity, and cross-platform capabilities. Administrators get a real-time view of every 5G IoT smart padlock with available reports and log files of each individual access point deployment, the ability to control remotely, firmware update capability, remote opening, emergency opening, lockdown capability and the ability to easily control all access and building user management needs.

FOR MORE INFORMATION PLEASE CONTACT DIGITAL KEYS