DATASHEET

DIGITALKEYS NB-IOT SMART PADLOCK

A strong weatherproof padlock, fully integrated with the global mobile IoT network in 45 countries, and with 4 opening methods including the Digital Keys apps and in cloud-based smart access management software.

www.digitalkeys.io

TECHNICAL SPECIFICATIONS
DIGITALKEYS NB-IOT SMART PADLOCK

TECHNICAL DATA

Housing Dimensions	82mm x 169mm x 47.7
Shackle Length:	67.5mm
Shackle width	8mm
Weight	1.0kg
IP Class	IP67
Certifications	CE, EN, RoHS
Power source	2 18650 Li-on Batteries
Number of openings	5 a day for 5 years (ave.)
Maximum events/users	Unlimited
Environmental Conditions:	-35C - +65C

COMMUNICATION TECHNOLOGIES

NB-IoT	*
LTE-M	*
CAT-M	*
3G/4G	*
NFC (MIFARE)	*

TECHNOLOGY PLATFORMS

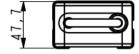|	
Smart Access Management Software by Digital Keys	*
Ericsson IoT Accelerator	*
AWS IoT Core	*
Digitalkeys apps	*
SIM Provisioning Platform^	*

^With various Mobile Network Operators and with various Mobile Network Virtual Operators

OPENING METHODS

Digital Keys App over mobile IoT network	*
Digital Keys App over NFC (NFC phones)	*
Smart Access Cloud-based Software	*
Time-sensitive PIN	*
NFC MIFARE keycards	*

TECHNICAL DRAWING

FINISHES

Stainless Steel Housing (black)	*
Armoured glass numberpad	*
Weatherproof Rubber cover	*
Stainless Steel Shackle	*

MAIN MATERIALS

Module/Modem	Telit 310G1WW
iSIM card	micro
Cellular Protocols	MQTT, UDP, COAP, TCP
Antenna	CrossAir CA-G01
GNSS (GPS)	Telit 310G1WW

SECURITY AND ENCRYPTION

Mobile network encryption features	*
AWS Security features	*
HTTP encryption	Military grade 256 Bit
Chipset security	2048 Bit RSA encryption
IPSEC Security	*
Private VPN/APN	*