

KentixONE app - open doors with smartphone and NFC tag

With a KentixONE system, it is possible to open a door using an NFC-enabled smartphone and the KentixONE app instead of a wired door reader.

A so-called NFC tag is used for this purpose, which is specially described and attached to the door. Upon access, the KentixONE app identifies the door via the NFC tag. This eliminates the need to search for and select the door in the app. The advantage, is the fast execution of the door opening without complex operation.

The NFC tag does not contain any security-relevant data and is only used for quick identification of the door. To prevent the NFC tag from being overwritten with other information, it can be write-protected. The door can be opened at any time and according to the authorization also directly in the app by pressing a button.

To perform the door opening, the NFC tag is simply scanned with the smartphone. You can find out in which area the NFC scanner of your smartphone is placed in the user manual of the smartphone.

Access authorizations can be managed centrally in the AccessManager web interface and easily shared with other users by e-mail. The user then only needs the KentixONE app to set up and use the shared access. Furthermore, permissions can also be distributed directly from the app, for which administration rights are required.

To be able to use the KentixONE-NFC function, a SmartRelay (KXP-2-RS) is required in addition to the central unit with KentixONE (SiteManager or Docker container). Information on the connection and **circuit diagrams including examples** can be found here: <u>Kentix SmartRelay (KXP-2-RS)</u>

Preparation of the Kentix SmartRelay

Follow the instruction manual to install the SmartRelay and integrate it into the network.

KentixONE Plan Activation

KentixONE Online (Plan) is a paid service and requires activation. Navigate to the following link or visit the Kentix store and select the desired KentixONE plan under Software.

The received activation code has the following format and can be entered directly via copy & paste in AccessManager:

A1A1A1-B2B2B2-C3C3C3-D4D4D4-E5E5E5-F6F6F6(Beispiel)



Change KentixONE plan

Enter your KentixONE licence to change the current KentixONE plan. The KentixONE licence and further information can be found in the Kentix Shop.

Enter the	KentixONE licer	ice that you purc	chased in the shop.	

Attention: The current KentixONE licence will be blocked and replaced by the new licence!

Abbrechen

Change

ONE-GO: Start of activation

Create virtual lock

To manage the electric strike in KentixOne, create a **virtual lock** under the Devices menu item.

ACTIVE + NAME +	BATTERY \$	ACCESSMANAGER \$	TYPE \$	+
□ ⊘ Haupteingang	?	Kentix AccessManager	DoorLock RADIO (All)	
			DoorLock IP (All)	
			DoorLock IP Rack (KXC-RA4)	
			DoorLock IP Rack on PDU (KXC-R	RA4)
			DoorLock VIRTUAL (KentixONE-G	;O)

Here you can then assign a name, assign access profiles and configure the output relay (1 or 2) to which the door opener is connected on the relay module.



General

Here you can define the general settings of the DoorLock.

Name*	
Haupteingang	
Enter the name of the DoorLocks.	
Couple Time	
3 seconds 💲	
Set how many seconds the DoorL	ock should be couple
Booking switches digital Out	put
Output 1 💲	
Switches the selected output of the selected output output output of the selected output output of the selected output out	he AccessManager on
Assigned Access Profiles	
Default (

Create administrator

An administrator is responsible for managing the locks in the KentixONE app. To do this

The administrator configures the NFC tags and manages Kentix ONE app users. Furthermore, the KentixONE app authorization can also be assigned to users who are created in the system with tokens and thus receive authorization to open doors using an NFC tag and smartphone. Sharing the authorization works in this case e-mail.

testuser	Test User	Test User	
viewer	viewer	Viewer	Manage KentixONE App access

Program NFC tag

The administrator performs the preparation of the NFC tag in the **KentixONE app** as follows.

- 1. Select the door by clicking on it
- 2. Activate the "NFC" option
- 3. Select the "Insert NFC tag" option
- 4. Hold the NFC tag to the smartphone
- 5. The tag is protected against further changes by a password during programming.



<	Manager	Favoriten	Meldungen	>	NFC		
DL-Basic-Funk							
Û		X					
	Bitte v	vählen Sie eir	ne Aktion:				
NFC-Tag einlernen							
	NFC-Tag Passwort entfernen						
	Abbrechen						
Batterielevel	Signal	U Verbindung					
		9					
Unbekannt	Unbekannt						
Zuletzt aktualisiert:	Keine Messwerte						

Program NFC tag

Open door

To open the door, the NFC tag is scanned with the unlocked smartphone. The coupled DoorLock is detected and the opening can be performed.







© Kentix GmbH. This file was automatically generated on 2025-08-02 16:30:57. Please visit <u>docs.kentix.com</u> for the latest documentation.