



dormakaba RFID Encoder System 6000

Installation Instructions

PK3695 - 2019 - 03

EN

dormakaba 

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Parts List

- dormakaba RFID Encoder (P/N: CE74750)
- Ethernet Cable (Optional) (P/N: 71590-10)
- USB A to Micro B USB cable (P/N: 71680)

Prerequisites

Hardware: dormakaba RFID encoder version 1.012 or greater.

Software: System 6000 version 5.6.8 or greater.

Setup: You can use the power over Ethernet (POE) to apply power on your device or use the USB cable connected to a 5V adapter.

The encoder communicates with a TCP/IP communication protocol.

The following ports must be open in the firewall:

TCP Port 28000 (Server Inbound)

TCP Port 9090 (Server Inbound)

System 6000 Encoder Setup

1- Connect the USB cable to the computer and to the encoder.



2 - Open the CRS program and log in. Choose the "Add" option under Settings.



Station ID assignments for the entire Saflok System

Station ID	Machine Name	Port	IP Address
1	HNLHV-FD-MGR	5	172.20.67.78
10	HNLHV-FD-10	4	172.20.67.70
11	HNLHV-FD-11	5	172.20.67.66
12	HNLHV-FD-12	5	172.20.67.67
13	HNLHV-FD-13	4	172.20.67.61
14	HNLHV-FD-14	4	172.20.67.72

Buttons: **Add** (circled in red), Edit, Delete, Refresh

3 - Choose the "Kaba RFID" option under Network Encoder Type and press "Configure Kaba RFID".

Network Station - Add Mode

Machine Name: <NEW ENTRY>

Network Encoder Type

Standard Datacard RFID
 Datacard KABA RFID

Configure KABA RFID Cancel

System 6000 Encoder Setup

4 - Press the drop-down menu and select the encoder you would like to configure.
(The encoders MAC address should appear).

Enter in a Station ID.

Choose either the TCP/IP configuration or the USB configuration.

Select "Obtain an IP address automatically" for DHCP Configuration.

OR

Enter specific IP configuration for Static IP.

The screenshot shows the 'IP Encoder Settings' window with the following fields and options:

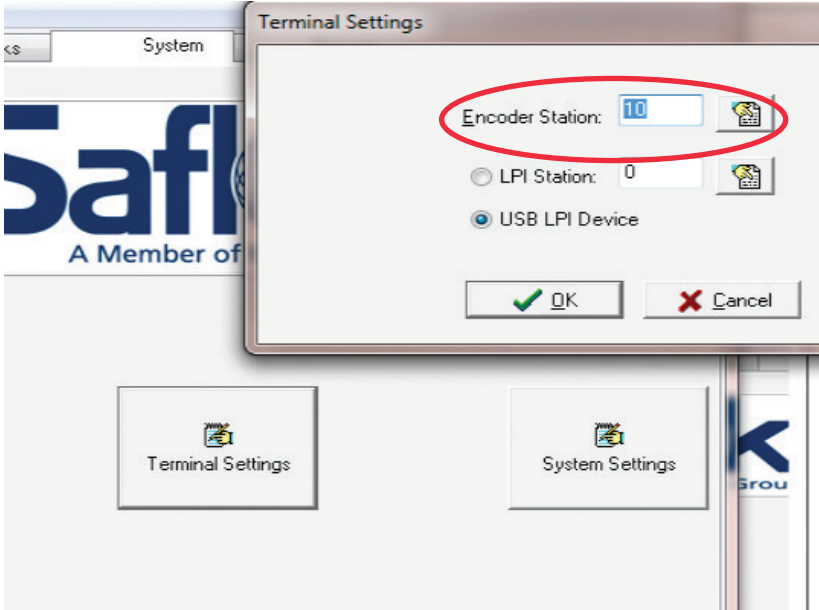
- Encoder Selection:** A dropdown menu showing '000E2AC047E0 (NEW)' and a 'Refresh' button.
- Station ID:** A text input field containing '10'.
- Server IP Address:** A text input field containing '10 . 7 . 42 . 160'.
- Communication Settings:** Radio buttons for 'TCP/IP' (selected) and 'USB'.
- TCP/IP Settings:** Radio buttons for 'Obtain an IP address automatically' (selected) and 'Use the following addresses:'. Below this are three text input fields for 'Encoder IP address:', 'Subnet Mask:', and 'Default Gateway:'.
- Options:** A checkbox for 'Mute encoder buzzer'.
- Footer:** A note: 'To configure the encoder, connect the encoder to this workstation's USB port and click on the 'Configure Encoder' button.' and a 'Configure and Save' button.

Callouts on the left side of the window point to:

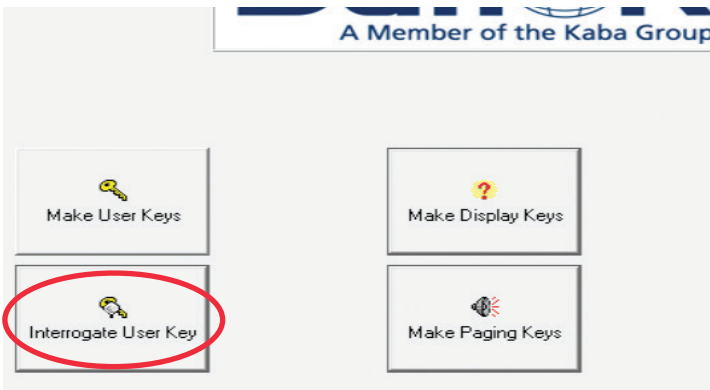
- Encoder Selection
- Station ID
- Configurations
- IP Address
- Audio Configuration

Testing

- 1 - Log into Client, choose the System tab, and choose the Terminal Settings option.
Set the Encoder Station to the new Encoder Station ID.



- 2 - Attempt a key interrogation to test the encoder connection.



Troubleshooting

USB cable must be attached whenever you are configuring the encoder.

After Configuration: Connect a USB Cable for USB communication or an Ethernet cable with POE for TCP/IP communication.

****Do not connect USB cable to PC when configured for TCP/IP communication****

****If ethernet connection is not POE, use the included USB power adapter for power****

Connection Issues:

- Ensure the encoder's Station ID is selected in the Client Terminal Settings
- Ensure that Kaba Encoder USB Bridge Service is running
- Ensure that Kaba IP Encoder Service is running (KIPES)
- Ensure the CRS is running
- Ensure you are using the correct cable (USB or Ethernet)
- Confirm that the minimum prerequisite software (System 6000 5.6.8.0) and firmware (Encoder V.1.012) is installed
- Remove the power from the encoder, wait five seconds and power it back up (Repeat as necessary)
- Restart KIPES and Kaba Encoder USB Bridge Service
- Restart PC

Configuration Issues:

- Make sure that the encoder is not already assigned in the CRS
- Make sure that the USB cable (P/N 71680) is attached. (Third party cables may not function properly)
- Ensure station ID entered was less than 16 characters
- If server not correctly assigned on workstation, do the following:
Edit the Saflok.ini file located in the SaflokV4 folder to enter the server IP address under the database section. Save the file and test encoder function.

Example:

```
[Database]
LinkPath=\\xx.xxx.xxx.xx\SaflokData\
MsgLinkPath=\\xx.xxx.xxx.xx\SaflokData\
```

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