

uFR Online UDP broadcast using card data

Version 1.1

Table of contents

How to enable UDP broadcast using card data ?	3
Card data format	3
Troubleshooting	3
Revision history	4

How to enable UDP broadcast using card data ?

1. Login to uFR Online WEB frontend configurator.
2. Enable "Master mode".
3. Make sure that "HTTP POST request" is disabled (if you use only UDP broadcast).
4. Make sure that "UDP broadcast" is enabled (should be enabled by default).
5. Navigate to the "UDP broadcast IP address" Section.
6. Enter delimiter in "IP address (or delimiter if IP is stored in card)" field.
7. Enter 0 to read ASCII formatted card data or 1 to read the plain text NDEF formatted card data.
8. Click on the "Save and Restart" button to apply changes.

Card data format

Data stored in the card must be in the following format. If the format is wrong, data won't be sent.

IP ADDRESS:PORT	DELIMITER	DATA - MUST BE NULL TERMINATED STRING
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Troubleshooting

1. Device beeps once and the green light is turned on. **OK.**
2. Device beeps twice and the red light is turned on. **NOT OK.**
 - Check if the delimiter is set in WEB frontend configurator correctly.
 - Check if the card user space is not bigger than card available (eg. If MiFare Classic 1K is used, it should be 710 or less).
 - Check if data is stored in the correct format. **Must contain IP address and PORT, not only IP.**

Revision history

Date	Version	Comment
2022-02-01	1.0	Base document
2022-02-07	1.1	Firmware version 2.6.9 changes