

Solution of the problem of incompatibility of the FLEX receiver with Ubiquiti network devices.

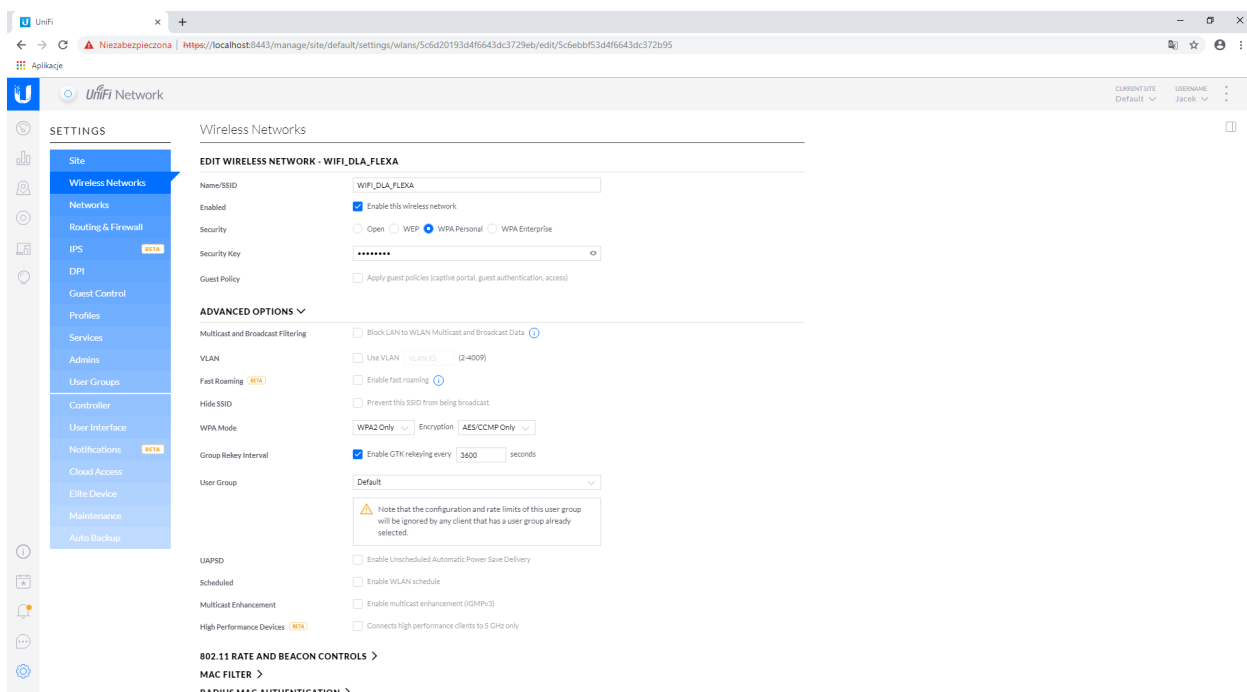
The problem concerns one of Ubiquiti's default access point settings, which blocks communication with low speed devices.

To solve the problem, enable the "Enable minimum data rate control" option for the network with which FLEX is to connect.

Due to the possible deterioration of WiFi network performance with the above option enabled, it is recommended to create a separate network to which the FLEX receiver will be connected.

Creating a new network compatible with the FLEX receiver:

1. Settings / Wireless Networks tab -> click "CREATE NEW WIRELESS NETWORK"
2. Enter the network name in the NAME / SSID field
3. Select the checkbox "Enable this wireless network"
4. "Security" set to "WPA Personal"
5. In the "Security Key" field, enter the password for the network being created
6. Expand "ADVANCED OPTIONS"
7. Then expand „802.11 RATE AND BEACON CONTROLS"
8. Check the box "Enable minimum data rate control"
9. Save settings ("SAVE" at the bottom of the page)



The screenshot shows the UniFi Network management interface. The left sidebar contains a navigation menu with categories like Site, Networks, Routing & Firewall, IPS, DPI, Guest Control, Profiles, Services, Admins, User Groups, Controller, User Interface, Notifications, Cloud Access, Elite Device, Maintenance, and Auto Backup. The main content area is titled 'Wireless Networks' and shows the configuration for a network named 'WIFI_DLA_FLEKA'. The 'EDIT WIRELESS NETWORK - WIFI_DLA_FLEKA' section includes fields for Name/SSID, Enabled (checked), Security (WPA Personal), and Security Key. The 'ADVANCED OPTIONS' section is expanded, showing 'Multicast and Broadcast Filtering' (unchecked), 'VLAN' (unchecked), 'Fast Roaming' (checked), 'Hide SSID' (unchecked), 'WPA Mode' (WPA2 Only), 'Encryption' (AES/CCMP Only), 'Group Rekey Interval' (3600 seconds), and 'User Group' (Default). A warning note states: 'Note that the configuration and rate limits of this user group will be ignored by any client that has a user group already selected.' Below this, the '802.11 RATE AND BEACON CONTROLS' section is expanded, showing the 'Enable minimum data rate control' checkbox checked. Other options like 'Enable Unscheduled Automatic Power Save Delivery', 'Enable WLAN schedule', 'Enable multicast enhancement (IGMPv3)', and 'Connects high performance clients to 5 GHz only' are unchecked.

Unifi Network settings page for Wireless Networks. The page is titled "Unifi Network" and shows the "Wireless Networks" configuration. The left sidebar contains a navigation menu with options like Site, Wireless Networks, Networks, Routing & Firewall, IPS, DPI, Guest Control, Profiles, Services, Admins, User Groups, Controller, User Interface, Notifications, Cloud Access, Elite Device, Maintenance, and Auto Backup. The main content area is divided into several sections: "Fast Roaming" (with a beta tag), "WPA Mode" (set to WPA2 Only), "Encryption" (set to AES/CCMP Only), "Group Rekey Interval" (set to 3600 seconds), "User Group" (set to Default), "UAPSD", "Scheduled", "Multicast Enhancement", and "High Performance Devices". Below these is the "802.11 RATE AND BEACON CONTROLS" section, which includes "DTIM Mode" (set to Use default values), "DTIM 2G Period" (set to 1), "DTIM 5G Period" (set to 1), and "2G Data Rate Control" (set to Enable minimum data rate control). The "2G Data Rate Control" section shows a slider for "1 Mbps" to "54 Mbps" and a note about full device compatibility and range. There are also checkboxes for "Disable CCK rates (1/2/5/11 Mbps)", "Send beacons at 1 Mbps", and "Enable minimum data rate control". At the bottom, there are links for "MAC FILTER" and "RADIUS MAC AUTHENTICATION".