

[EN] DOBISS NXT

- Video tutorials
- Qmotion integration

Video tutorials

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View online

1. **Login to NXT server**
2. **Modules**
 1. Addressing modules
 2. Replacing a faulty module
3. **Outputs**
 1. Appointing out/in (outputs/inputs) and groups
 2. Configuration RGB(W)
 3. Configuration of shutters/screens
 4. Configuration fan toilet
 5. Dimming settings per dim output
4. **Push buttons**
 1. Scanning and configuration push buttons
 2. Configuration of a Dobiss PIR detector
 3. Dark condition PIR detector
 4. Configure a push button with time delay
5. **Scenarios**

1. Configuration of an "all off" scenario
2. Configuration of a "Panic" scenario
3. Scenario "Night hall dimmed at night"

6. **Automations**

1. Automation of outdoor lighting
2. Automation of shutters

7. **Global settings**

1. Change default login and password
2. Creating a cloud account
3. Create a new user and profile
4. Backup and other project settings

8. **Heating/cooling**

1. Scanning of temperature sensors
2. Heating/cooling control with solenoid valves on relay outputs (ON/OFF)
3. Heating/cooling control with 0-10V operated solenoid valves
4. Heating/cooling calendar

9. **Link with Google Home/Assistant**

10. **Audio**

1. Integration of Bose or Sonos

11. **Flags**

1. Flag indicating that a door is open
2. PIR detector with "Alarm Scenario" using a flag

12. **Notifications**

1. Notification via contact of the alarm system
2. Notification via PIR detector using a flag

13. **IFTTT**

1. Integration of a "Smart plug" via IFTTT

14. **FERMAX MEET**

1. Connecting Fermax MEET monitor with DOBISS NXT

15. **Zigbee**

1. Linking Zigbee gateway with Dobiss NXT
2. Integration of Dobiss Zigbee relay into Dobiss NXT
3. Integration of Dobiss Zigbee dual relay into Dobiss NXT
4. Integration of Dobiss Zigbee dimmer into Dobiss NXT
5. Integration of Dobiss Zigbee curtain control in Dobiss NXT
6. Integration of Dobiss Zigbee 4 fold push button into Dobiss NXT

Qmotion integration

For this integration the NXT server should be upgraded to alpha version 3.40-6. Go to Global settings and change the Firmware to 'alpha'. Then proceed to the modules page and start a new download of the firmware. Once the download is finished, you can install the latest alpha version.

This page describes how to integrate Qmotion shades that are installed through wired RS485 with a Dobiss NXT installation.

Moxa gateway

Model: Nport 5150

<https://www.moxa.com/en/products/industrial-edge-connectivity/serial-device-servers/general-device-servers/nport-5100-series/nport-5150>

Network settings

- Set the gateway on a fixed IP address

The Dobiss NXT server and the Moxa gateway need to be installed on the same local network.

MOXA www.moxa.com

Main Menu

- Overview
- Basic Settings
- Network Settings
- Serial Settings**
 - Operating Settings
 - Accessible IP Settings
 - Auto Warning Settings
 - Monitor
 - Change Password
 - Load Factory Default
 - Save/Restart

Network Settings

IP address	10.10.1.76
Netmask	255.255.255.0
Gateway	10.10.1.254
IP configuration	Static
DNS server 1	10.10.2.101
DNS server 2	10.10.1.254

SNMP Setting

SNMP	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Community name (max: 31 characters)
Contact	
Location	

IP Address report

Auto report to IP	
Auto report to UDP port	4002
Auto report period	10 seconds

Submit

Serial settings

MOXA www.moxa.com

Main Menu

- Overview
- Basic Settings
- Network Settings
- Serial Settings**
 - Port 1**
 - Operating Settings
 - Accessible IP Settings
 - Auto Warning Settings
 - Monitor
 - Change Password
 - Load Factory Default
 - Save/Restart

Serial Settings

Port 01

Port alias	
------------	--

Serial Parameters

Baud rate	115200
Data bits	8
Stop bits	1
Parity	None
Flow control	None
FIFO	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Interface	RS-485 2-Wire

Operation settings

MOXA www.moxa.com

Operating Settings

Port 01

Operation mode	TCP Server Mode
TCP alive check time	7 (0 - 99 min)
Inactivity time	0 (0 - 65535 ms)
Max connection	1
Ignore jammed IP	<input checked="" type="radio"/> No <input type="radio"/> Yes
Allow driver control	<input checked="" type="radio"/> No <input type="radio"/> Yes

Data Packing

Packing length	0 (0 - 1024)
Delimiter 1	0 (Hex) <input type="checkbox"/> Enable
Delimiter 2	0 (Hex) <input type="checkbox"/> Enable
Delimiter process	Do Nothing (Processed only when Packing length is 0)
Force transmit	0 (0 - 65535 ms)

TCP Server Mode

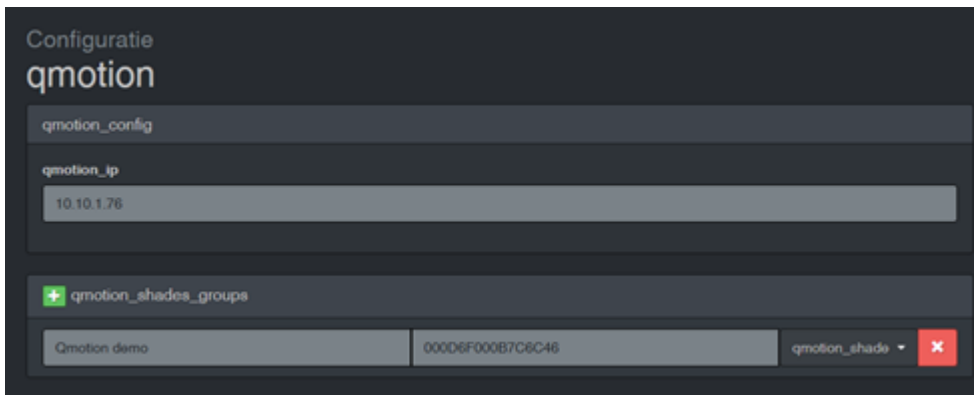
Local TCP port	4001
Command port	966

Qmotion

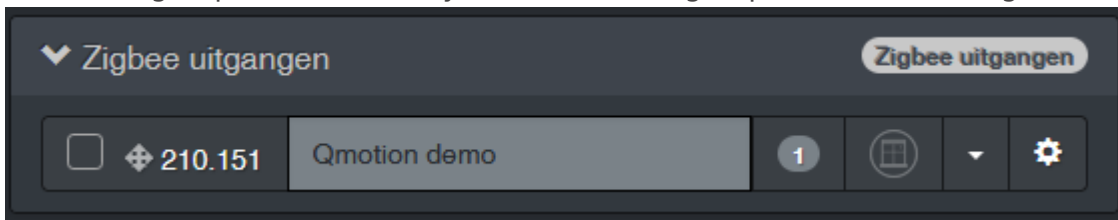
Collect the shade identifiers by scanning the QR code on the devices. The ID starts with 000D

Dobiss integration

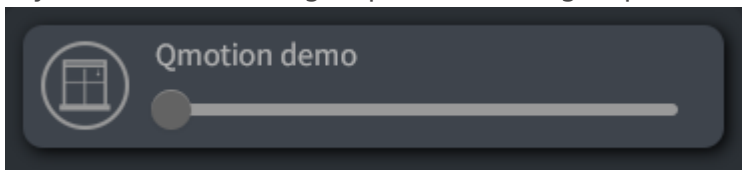
1. Go to Configuration > Partners > Wireless > Qmotion
2. Fill out the IP address
3. Add a shade or group via the + button
4. Give the shade a name, fill in the ID (000D... or a number for a group) and choose the type (shade or group)



5. Once all shades and groups are added, go to the Out/In page of the configuration to order them into groups. You will find your shades and groups in the list of 'Zigbee outputs':



6. If you add the shade/group to a Dobiss group, it will be visible in the Touch UI:



7. When the shade is controlled manually, from a group or by another remote; the status will be updated in Dobiss after a few seconds.

The status polling is done for the moment for each shade individually, but polling of group 0 might speed up this process.