

# Tangible Object Recognition

Quick Start Guide Version 1.6

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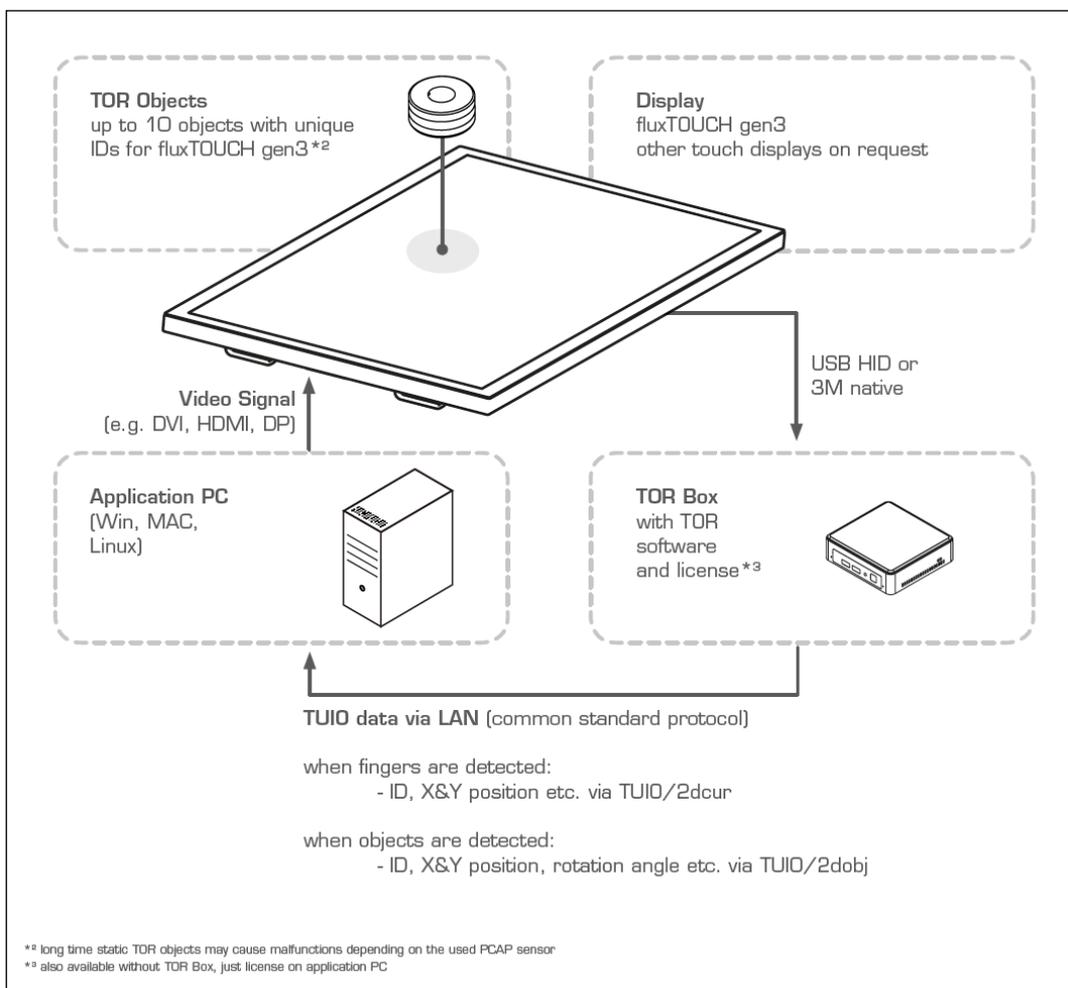
# Quick Start Guide TOR

## 1. Description

The TOR Box translates touch data sent from fluxTOUCH gen3 or other touch displays in the TUIO/2dCur and TUIO/2dObj protocol, please note the schema below for details.

- The default IP of the TOR BOX itself is 192.168.60.5
- The default TUIO receiver IP is 192.168.60.11 and port is 3333

**Note: The firewall of the Application PC has to be deactivated to receive TUIO**



For more information and downloads please visit

<https://www.exactsolutions.de/en/produkte/tor-tangible-object-recognition/>

## 2. Set up TOR Box

1. Connect TOR Box to the touch screen via USB cable (A male / A male)
2. Connect TOR Box to Application PC via LAN cable
3. Connect TOR Box to power supply
4. Starting TOR Box
  - a. Start Application PC and let it boot completely
  - b. Start TOR Box by pressing the power button and let it boot approx. 2 minutes. Now it sends TUIO Data via LAN to the Application PC (Default IP and port)
  - c. Make sure that there is no object, finger or anything else on the touch sensor during startup

**Please Note: Keep screen surface as well as TOR Chips and Objects bottom side clean from any particles to prevent damage on the screen front glass!**

## 3. Configure object IDs for different fluxTOUCH displays

- If you are using fluxTOUCH gen3 55" the IDs are already configured
- If you are using fluxTOUCH gen3 65" you have to load another configuration file, please follow the steps below:
  - Connect screen and key board to TOR box
  - Press "g" to see the full TOR GUI
  - Press "e" to get to the configuration menu
  - Select "fluxTOUCHgen3 65" in the upper right corner of the configuration menu
  - Click "save" at the lower edge of the window
  - Now the object IDs for 65" are configured
  - Press "g" to hide the full TOR GUI

## 4. Shut down TOR Box

Press the power button shortly and wait for complete shutdown (blue light behind button will disappear) before unplugging power supply.

## 5. Trouble Shooting

- TOR Box is not working
  - Check Power supply
  - Reboot TOR Box
- Application PC is not receiving TUIO
  - Make sure the fire wall of the Application PC is deactivated
  - Make sure the host IP and port is configured correctly  
Default TUIO receiver IP: 192.168.60.11  
Default TUIO receiver port: 3333
  - Reboot TOR Box
- TOR Objects are not recognised correctly
  - Make sure that the correct config is chosen [refer 3. *Configure object IDs for different fluxTOUCH displays*]
- Application PC shows false touch points
  - Make sure that nothing is placed at the screen while client PC and TOR Box are booting
  - Reboot TOR Box
  -

Contact us if the problem persists:

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## Imprint

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