easyTOUCH DISPLAY
STARTERKIT

QUICK START GUIDE

DATA MODUL

THE DISPLAY EXPERTS

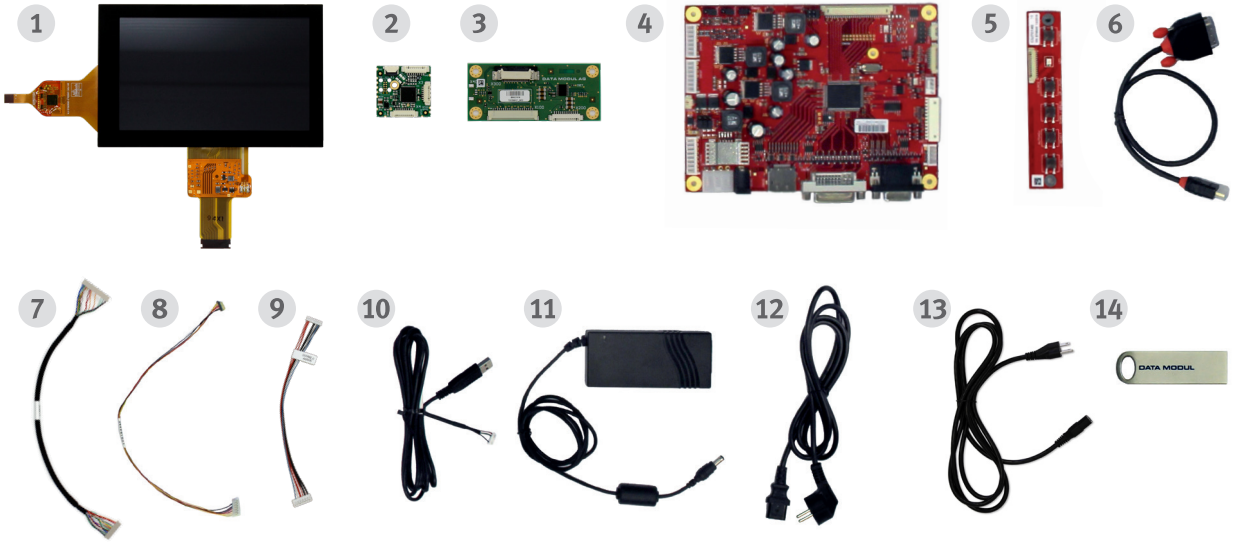
INTRO

THANK YOU for choosing
our easyTOUCH STARTERKIT!

This kit provides you with all the necessary components to bring our touch-display solution to full operation. The components can be assembled together in just a few steps using our guidelines! The perfect combination of our in-house developed easyTOUCH Display and eMotion board enable you to evaluate our PCAP and display performance. Further PCAP tuning and debugging is possible using the easyANALYZER software developed by our engineers for our easyTOUCH solutions.
If you have any questions or challenges, do not hesitate to contact us!

Do you need more details or do you need support for a special project?
Contact us for further information or individual project support: touch@data-modul.com

SCOPE OF DELIVERY



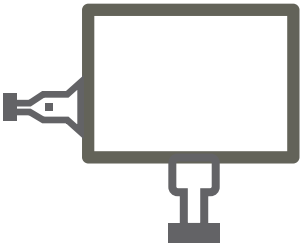
1. easyTOUCH Display
2. I2C-to-USB adaptor
3. Dispcon board
4. eMotion board*
5. OSD board
6. DVI/HDMI cable
7. LVDS cable
8. LED cable
9. OSD cable
10. USB cable
11. +12V power supply
12. Power cord (EU)
13. Power cord (US)
14. easyANALYZER software (USB stick)

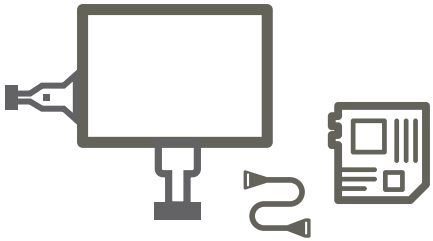
*Connector numberings (CN) can be found on the front of the eMotion board.
Connector descriptions can be found on the back of the eMotion board.

INSTALLATION GUIDE

1

Connect easyTOUCH Display 1 PCAP flex tail with I2C-to-USB adaptor board 2 (CN X1).
Connect easyTOUCH Display 1 LCD flex tail to the Dispcon board 3 (CN X300).



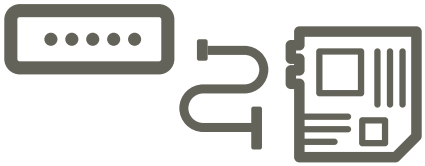


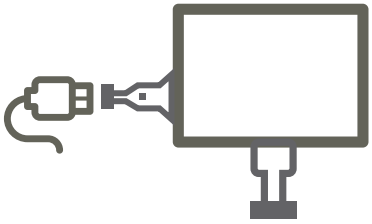
2

Connect Dispcon board 3 (CN X100) to eMotion board 4 (CN105) using LVDS cable 7.
Connect Dispcon board 3 (CN X200) to eMotion board 4 (CN108) using LED cable 8.

3

Connect OSB board 5 with eMotion board 4 (CN112) using OSD cable 9.



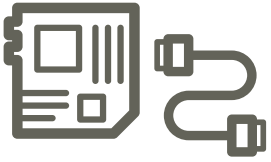


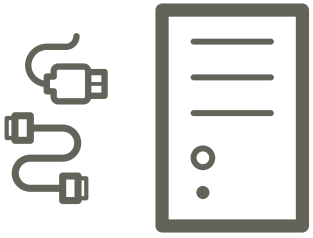
4

Connect USB cable 10 with I2C-to-USB adaptor board 2 (CN X4).

5

Connect DVI cable 6 with eMotion board 4 (CN100).





6

Connect HDMI 6 and USB cable 10 to your host system

7

After all other connections have been made, supply +12V power 11 to emotion board 4 (CN103). Plug in power cord 12 (EU)/ 13 (US)

8

Optional: Install easyANALYZER software 14 on your host system (for Windows and Linux)

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