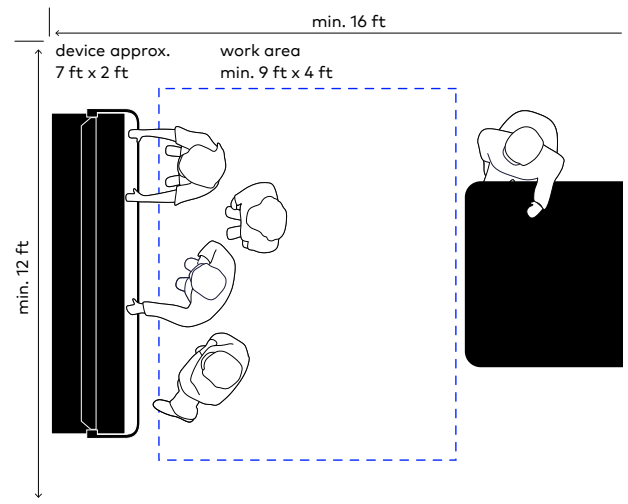**cannyboard**

Sessionboard 86"
Technical requirements

With **cannyboard**, collaboration is simple and straightforward. Our technology requires hardly any integration and is immediately ready for use, taking into account the following technical requirements.

1. Location

Session boards are designed for groups to work together in group study rooms. The places of use should meet the following criteria:
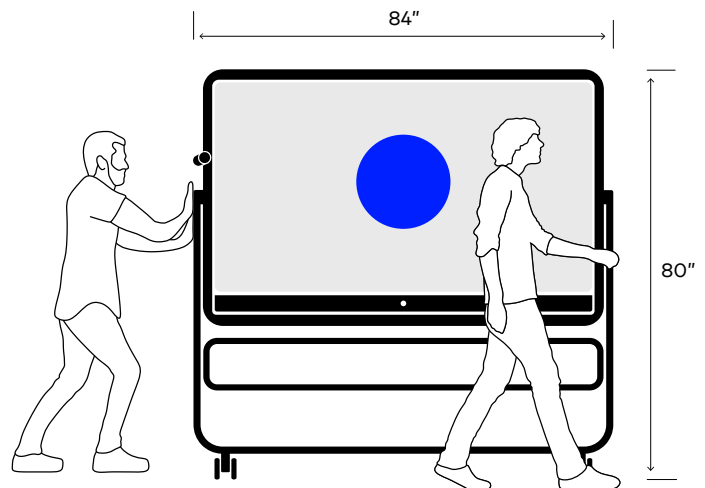
- The installation site must be accessible via elevator, dry, well ventilated and free from heat sources.

- The recommended minimum room size for Sessionboard 86'' units is 11' x 16'.

- The open space directly in front of the unit should be large enough for interactive group work.

- In order to be able to place the units flexibly within or between rooms, there should be no high thresholds.
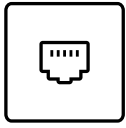

min. 16 ft

device approx.
7 ft x 2 ft

work area
min. 9 ft x 4 ft

min. 12 ft

2. Access

For delivery or later movement in the house, the dimensions of the Sessionboard 86" should be should be taken into account:

- The weight of the Sessionboard 86" including mobile stand is 375 lbs.

- The dimensions are 7' x 6'6" x 2'
  (W x H x D) for the 86'' model.

- The height can be reduced to 6'4" by swivelling the display. The unit thus fits through most standard doors.

- The dimensions and total weight require locations accessible at ground level or access by ramps or by a load-bearing / spacious elevator. Please consult with us to ensure your elevator dimensions are adequate.
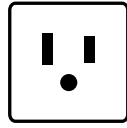

84"

80"

3. Connections

Sessionboards only require an ordinary 110 V single-phase a.c. power socket and a wired and a wired Internet connection via LAN socket (RJ45).
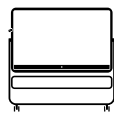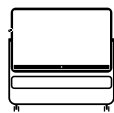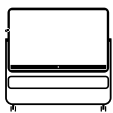

LAN (RJ45)   110 V

4. Internet connection

As a cloud solution, cannyboard requires a stable and powerful internet access:

- The greater the available bandwidth, the more data is transferred in less time (shorter loading times and high streaming quality).

- Last but not least, upload speed plays an important role, e.g. for audiovisual transmissions such as streaming transmissions such as streaming video calls with several / many participants.

- in2systems recommends as a rule of thumb for best experience an Internet connection with a bandwidth of at least 10 Mbit/s in upload and download per session board.

- The required bandwidth should actually be available at the devices. If the internet connection is also used by other consumers in the house (e.g. guest WiFi), the necessary bandwidth may not be available at the session board during peak times, resulting in performance losses.

Example

10 Mbit/s   +   10 Mbit/s   +   10 Mbit/s   =   30 Mbit/s Bandwidth in upload and download

5. Network

The following network settings should be observed:

- **cannyboard** cannot be operated on a restricted guest network with required consents (e.g. captive portal or similar).

- To make commissioning as easy as possible, it is recommended that the unit can obtain an IP address via DHCP.

- If devices on the network need to be unlocked, you can obtain the MAC address from our **cannyboard** support team at any time.

- The unit communicates via https/port 443.

- The common video conference providers MS-Teams, Zoom, Webex, Google Meet etc. are directly ready for use with the network settings mentioned here.

- For proper use of the video call within the **cannyboard** app, a firewall must be configured in such a way that it allows access to corresponding targets and ports. If these ports cannot be opened, at least a release of TCP/443 is necessary (the video call tool performs a fallback for this). In addition to HTTPS communication, the firewall must also allow websocket communication (WSS).

Port(s)	Type	Description
443	TCP	HTTPS
17990	TCP	Vidyo Signaling
17992	TCP	Vidyo Signaling
1025-2048	TCP	H245, Gatekeeper Discovery and Q.931 Call Setup
5060-5061	TCP	SIP Signaling
50000-65535	UDP	Media

cannyboard Support (USA)

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