



# DTEN D7X AI 55"

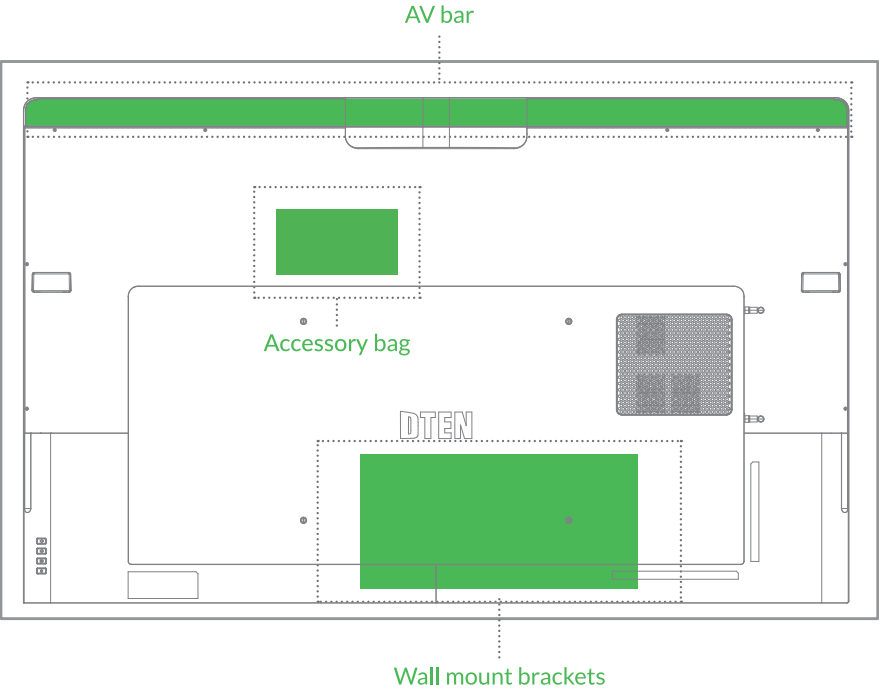
## Product Guide

### Packing List

- 1. DTEN D7X AI 55" x 1
- 2.Wall Mount Brackets x 1
  - \* The bracket pieces are stored at the bottom of the box (beneath the foam).
- 3. Stylus x 1
- 4. Power cord x 5 (Type B,D,F,G,I)
- 5. USB-C to USB-C Cable x 1
- 6. Antenna x 2

⚠ Do not disassemble the D7X without the supervision of a DTEN technician. Improper use may be subject to voiding the warranty.

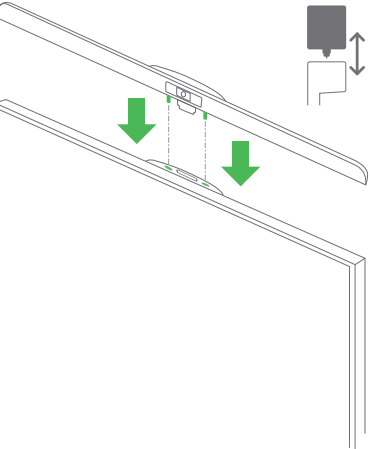
### What's Inside



### Quick Setup

#### STEP 1

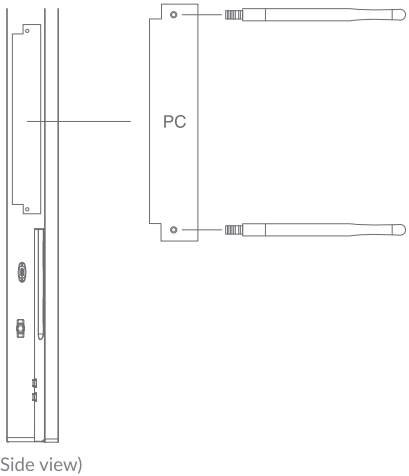
To install the AV bar, align the pins with the holes, then mount straight down.



⚠ Do not tilt the bar when mounting or unmounting.

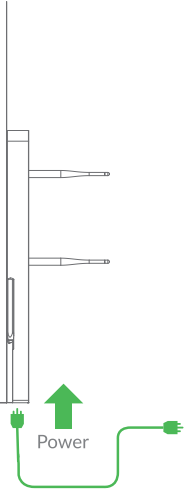
#### STEP 2

Install the antennas.



#### STEP 3

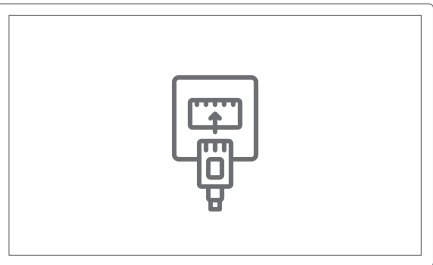
Plug in the power cord to the outlet. The display will turn on.



⚠ Important Reminder:  
For optimal performance and safety, please use only the power cable provided with the DTEN product.  
Using other cables may result in damage or malfunction.

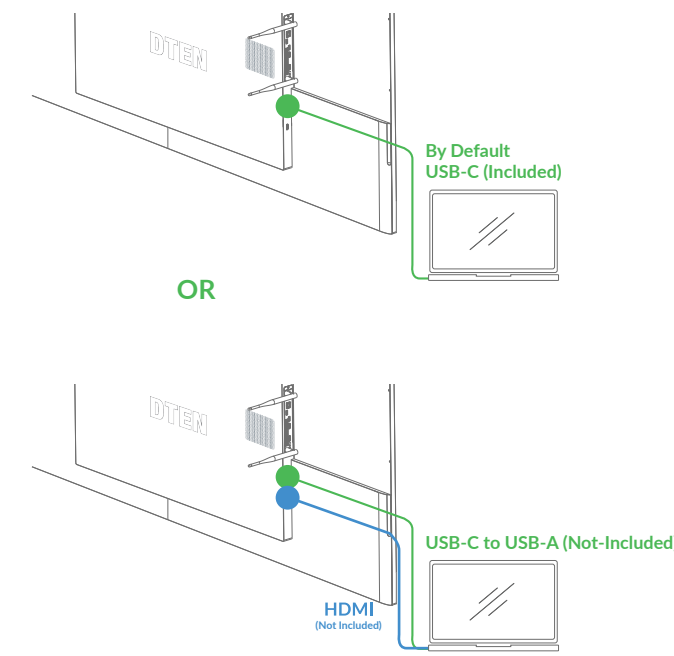
#### STEP 4

Follow the instructions on-screen to set up the network. Ethernet connection is preferred.



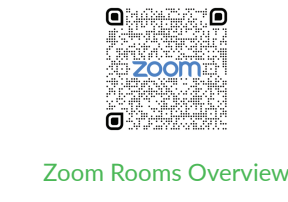
BYOD Function with DTEN Smart Connect

Access the DTEN D7X AI camera system, microphone array, speakers and touchscreen as peripherals from an attached computer



Setup and Enrollment with DTEN Orbit

- 1. The DTEN D7X AI may need to update to the latest version for the first-time startup. Please ensure the internet connection is stable during startup and update process. An ethernet connection is recommended.
- 2. Activate and register the DTEN D7X AI on DTEN Orbit for device and user management services.
- 3. Ensure the local area network allows the DTEN D7X AI to be connected. Check with your network security team for instructions. Scan the QR code below for DTEN Network Whitelist Requirements.
- 4. The D7X AI requires an active software license to connect to Zoom Rooms, Microsoft Teams or other VC providers' software. For more information, visit the service provider's website.

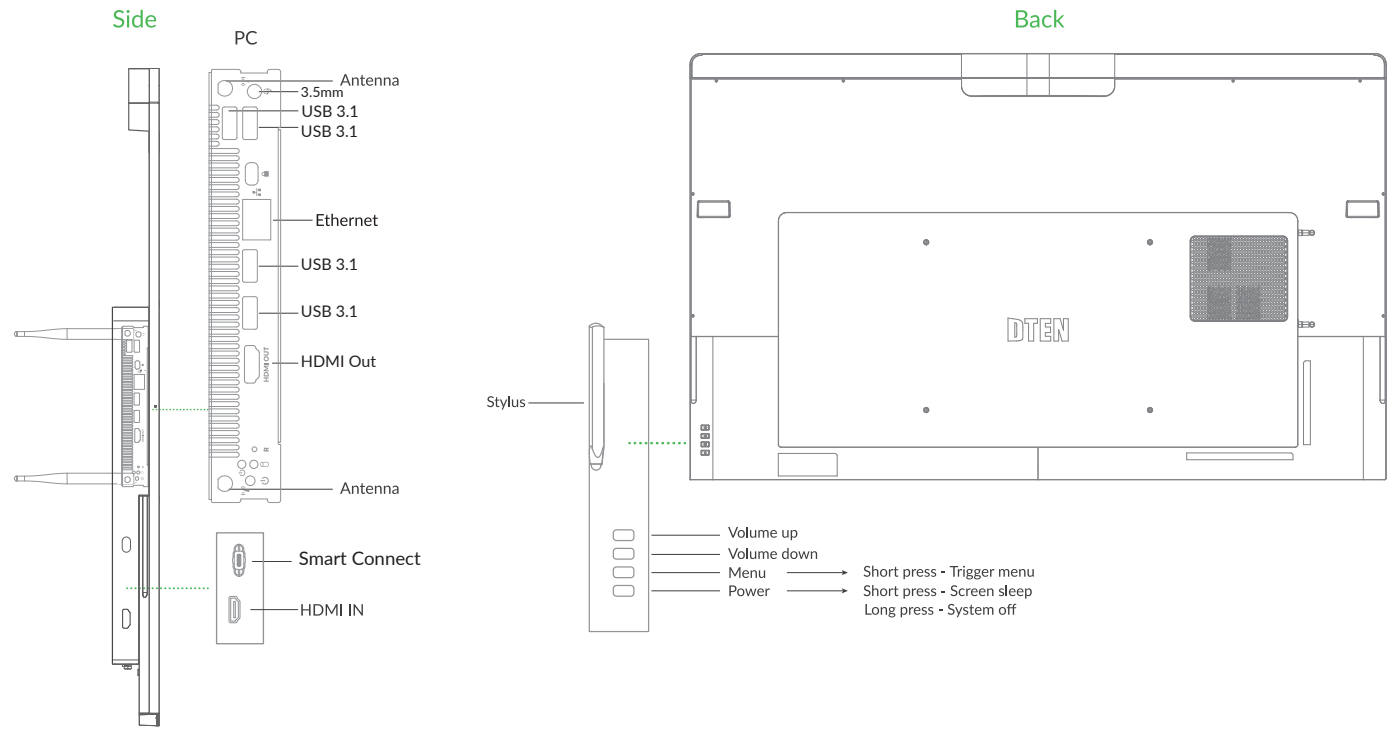


Tips

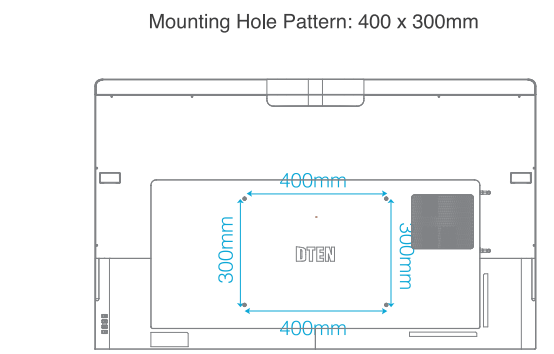
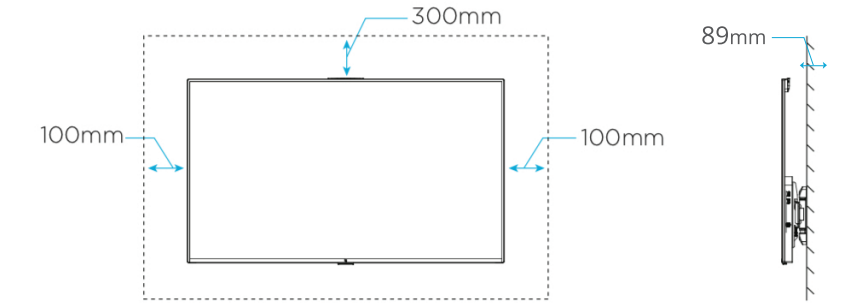
- 1. An ethernet connection is preferred for the best meeting experience.
- 2. Please do not disconnect the power without first properly shutting down the D7X AI .
- 3. Do not attempt to disassemble the DTEN D7X AI without the instruction of a certified DTEN service provider. Unauthorized disassembly or service may void your warranty.
- 4. The D7X AI is compatible with many meeting room controllers, document cameras, audiovisual systems and other 3rd party peripherals. Consult the respective manufacturer instructions for setup and pairing information.

If you have any questions, feel free to contact us. [SUPPORT@DTEN.COM](mailto:SUPPORT@DTEN.COM) +1.866 936.3836

Product Diagram



Mounting Instructions



Specifications

| Product          | D7X AI 55"      |
|------------------|-----------------|
| VESA             | 300 mm x 400 mm |
| Standard Screw   | Ø6 mm x 12 mm   |
| Number of Screws | 4 pcs           |

Note: Contact a professional for assistance when wall mounting your display. We are not responsible for any damage to the product or injury to yourself. Do not power on the display when performing wall mount installation. It may cause personal injury due to electric shock.

Model:DB7U1R455

## **FCC Caution**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Transmitters in the 5.925-7.125 GHz band are prohibited from operating to control or communicate with unmanned aircraft systems.

## CE Maintenance

1. Use carefully with the earphone; maybe excessive sound pressure from earphones and headphones can cause hearing loss.



2. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

3. The product shall only be connected to a USB interface of version Type-C.

4. Adapter shall be installed near the equipment and shall be easily accessible.

5. EUT Operating temperature range: 0° C to 40° C .

6. Adapter: The plug considered as disconnect device of adapter

Power supply and ADP(rating):

Input: AC 100~240V 50/60Hz 3.0A

7. The device complies with RF specifications when the device is used at 20cm from your body.

8. To prevent possible hearing damage. Do not listen at high volume levels for long periods.

This product may be used in the following European member states subject to the following restrictions. For products that operate in the frequency band 5.150 to 5.350 GHz, wireless access systems (WAS), including radio local area networks (RLANs), shall be restricted to indoor use.

|  |    |    |    |    |    |    |    |    |    |    |    |
|--|----|----|----|----|----|----|----|----|----|----|----|
|  | AT | BE | BG | CH | CY | CZ | DE | DK | EE | EL | ES |
|  | FI | FR | HR | HU | IE | IS | IT | LI | LT | LU | LV |
|  | MT | NL | NO | PL | PT | RO | SE | SI | SK | TR |    |

## Declaration of Conformity

DTEN Inc. hereby declares that this DTEN D7X AI 55 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), This product is allowed to be used in all EU member states.



Frequency Bands:

Bluetooth: 2402 MHz to 2480 MHz

WLAN 802.11b/g/n/ax20: 2412 MHz to 2472MHz

WLAN 802.11n/ax40: 2422 MHz to 2462MHz

WLAN 802.11a/n20/n40/ac20/ac40/ac80/ac160/ax20/ax40/ax80/ax160/be20/be40/be80/be160:  
5150 MHz to 5250 MHz

WLAN 802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80/be20/be40/be80: 5250 MHz to 5350 MHz

WLAN 802.11a/n20/n40/ac20/ac40/ac80/ac160/ax20/ax40/ax80/ax160/be20/be40/be80/be160:  
5470 MHz to 5725 MHz

WLAN 802.11a/n20/n40/ac20/ac40/ac80/ax20/ax40/ax80/be20/be40/be80: 5725 MHz to 5850 MHz

WLAN 802.11ax20/ax40/ax80/ax160/be320/be40/be80/be160/be320: 5955 MHz to 6415 MHz

24G Millimeter Wave: 24.05 ~ 24.25GHz

Max power:

BT: 9dBm EIRP

BT LE: 8.49dBm EIRP

2.4 WLAN: 16.95dBm EIRP

5.2 WLAN: 16.3dBm EIRP

5.3 WLAN: 15.36dBm EIRP

5.6 WLAN: 16.15dBm EIRP

5.8 WLAN: 13.70dBm EIRP

6 WLAN: 16.84dBm EIRP

24G Millimeter Wave: -0.06dBm EIRP

Modulation Mode:

BT: GFSK(1Mbps),  $\pi/4$ -DQPSK(2Mbps), 8DPSK(3Mbps)

BLE: GFSK

2.4G WLAN:

802.11b(DSSS): CCK, DQPSK, DBPSK

802.11g(OFDM): BPSK, QPSK, 16-QAM, 64-QAM

802.11n(OFDM): BPSK, QPSK, 16-QAM, 64-QAM

802.11ax(OFDM, OFDMA): BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024QAM

5G WLAN:

802.11a(OFDM): BPSK, QPSK, 16-QAM, 64-QAM

802.11n(OFDM): BPSK, QPSK, 16-QAM, 64-QAM

802.11ac(OFDM): BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM

802.11ax(OFDM): BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM

802.11be(OFDM): BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM4, 4096-QAM4

6G WLAN:

802.11ax(OFDM): BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM

802.11be(OFDM): BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM4, 4096-QAM4

24G Millimeter Wave: FMCW

BDR + EDR: Channel Spacing: 1MHz

BLE: Channel Spacing: 2MHz

2.4G WIFI Channel Spacing: 5MHz

5G WIFI Channel Spacing: 10MHz

6G WIFI Channel Spacing: 10MHz

Bluetooth: Dipole Antenna, Gain(s): 2.25dBi;

WLAN: Dipole Antenna, Gain(s):

2.4GHz WLAN: ANT 1: 2.25dBi; ANT 2: 2.25dBi; MIMO: 5.26dBi

5GHz WLAN: ANT 1: 2.25dBi; ANT 2: 2.25dBi; MIMO: 5.26dBi

6GHz WLAN: ANT 1: 2.22dBi; ANT 2: 2.22dBi; MIMO: 5.23dBi

24G Millimeter Wave: Patch Antenna, Gain(s): 2dBi