



# DTEN D7X AI

## Better Meetings with AI in the Room

The D7X AI is designed for Microsoft Teams Rooms and made for the people in them. It runs Teams on the Windows platform Microsoft builds first and supports best. On-device AI sees, hears, and frames every person in the room as an equal participant.





## WINDOWS FIRST

Microsoft builds Teams for Windows first and supports it best. The D7X AI runs on that platform.

- **New features on launch day.** Windows is where Microsoft ships Teams first. New capabilities, Copilot features, and Teams agents arrive here on Microsoft's cadence, no waiting.
- **Managed like any other endpoint.** Intune, Autopilot, Group Policy. The same tools IT already uses for every Windows device in the fleet.
- **Copilot with no platform gaps.** Copilot licensing translates directly into room-level capability. No platform-driven gaps in what Copilot can do in the room.
- **Enterprise security baseline.** Windows-level security and compliance, not a proprietary appliance OS. Full Microsoft 365 integration included.

## ROOM-AWARE AI

On-device AI keeps the meeting focused on the people in the room or in an open space.

- **3D room mapping, always on.** Dual depth sensors with 160° FoV map the room continuously. A dedicated AI processor runs in parallel, the meeting never pauses.
- **Automatic spatial boundary.** DTEN InclusiZone detects where the meeting begins and ends. No sensors, no setup. Closed rooms, open spaces, anywhere in between.
- **Real people, not reflections.** Depth sensing distinguishes living people from photos, reflections, and images on t-shirts. Portraits on the wall never enter Smart Gallery.
- **Speaker tracking & light fix.** Follows the active speaker as they move. Exposure adjusts per face independently, backlit windows included.
- **Audio that sharpens Copilot.** Voice separation and 3D noise suppression deliver a conditioned signal. Facilitator attributes notes and action items to the right person.

## EVERY VOICE, EVERY FACE

Every real person in the room shows up individually in Teams Cloud IntelliFrame, with the best shot, the right exposure, and their voice.

### Participants vs. passersby

The AI knows who belongs in the meeting. People walking past glass walls or through open spaces never enter Teams Smart Gallery. Validated in 3–5 seconds, participants move naturally.

### Voice anchored in 3D space

A 15-element beamforming array captures voices across up to 30 feet. Depth-anchored voice localization knows where each speaker is and balances their voice in real time, not just directional beamforming.

### Best angle, per-person exposure

A 48MP center camera captures the full room. On-device AI extracts each person individually and adjusts brightness and exposure per face, backlit windows and mixed skin tones handled on their own.

### Clear speech in noisy rooms

3D AI noise suppression separates participants from background spatially. Generative speech enhancement recovers intelligibility at distance. 40W stereo speakers ensure remote colleagues sound as clear as they appear.



## THE PLATFORM

The DTEN D7X AI is an all-in-one meeting device with enterprise deployment, management, and collaboration capabilities built in.

- **DTEN Smart Connect (USB-C).** Single cable for video, audio, touch, and up to 65W laptop charging. Touchback on Windows and Mac.
- **HDMI ingest.** Content sharing from any laptop, in a meeting or for in-room presentation.
- **Display extension.** USB-C alt-mode DisplayPort lets a laptop extend to the board as a second screen.
- **20-point capacitive multi-touch.** Ultra HD 4K 55-inch display 75-inch.
- **<30ms touch response.** Low-latency for real-time whiteboarding and annotation.
- **Microsoft Whiteboard integration.** Native whiteboard syncs with Microsoft Whiteboard for save and share.



URBEN Cart sold separately

## DEPLOYMENT & MANAGEMENT

- **Preconfigured out-of-box.** Connect power and network; ready for its first meeting within minutes.
- **VESA 400x300 mount.** Compatible with standard wall mounts and AV carts.
- **In the box.** Wall mount, stylus, regional power cords, USB-C BYOD cable, antennas, product guide.
- **DTEN Orbit Service.** Remote device health monitoring, diagnosis, and management. Included with every device.
- **DTEN Orbit Mission Control.** Single-pane-of-glass IT dashboard for remote access (Orbit Pro)
- **Up to 24/5 live support.** Enhanced support with extended warranty and advance parts replacement (Orbit Pro).