



# USER MANUAL

## **Xylon D10 Pro** AI Video Bar



## **IMPORTANT SAFETY INSTRUCTIONS**

- Read and retain all instructions.
- Follow all warnings and guidelines.
- Keep this manual for future reference.
- Do not operate the device near water or in damp environments.
- Clean only with a dry, soft cloth. Avoid using liquids or sprays.
- Do not obstruct ventilation openings. Ensure proper airflow according to installation guidelines by Aniston.
- Keep the unit away from heat sources, such as radiators, heaters, stoves, or amplifiers.
- Use only the supplied polarized or grounding-type plug. If it doesn't fit your outlet, contact a qualified electrician.
- Protect the power cord from damage—especially at plugs, connectors, and where it exits the device.
- Use only accessories and attachments recommended by Aniston Technologies LLP.
- Unplug the unit during lightning storms or extended periods of disuse.
- Servicing should only be performed by qualified professionals if the device is damaged, exposed to liquids, or fails to operate normally.
- Do not expose the unit to dripping or splashing liquids. Avoid placing containers such as vases on or near the device.
- To completely disconnect from AC power, unplug the power cord from the wall outlet.
- Ensure the disconnect device (plug or appliance coupler) remains accessible at all times.
- Avoid overloading wall sockets or extension cords. This may lead to fire or electric shock.
- If installed in a rack, ensure:
  - Adequate ventilation to prevent overheating
  - Even mechanical loading to avoid tipping or imbalance
  - Proper circuit load management to prevent overcurrent issues
  - Reliable grounding, especially when using power strips or surge protectors
- Ensure the ambient temperature around the unit does not exceed the specified limits, especially in enclosed racks.



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# 1. PRODUCT OVERVIEW

## 1.1 Product Description

The Aniston Xylon D10 Pro is an advanced all-in-one AI-powered video bar tailored for modern collaborative spaces with an emphasis on BYOM (Bring Your Own Meeting) workflows. Designed for premium video, audio, and wireless casting in a single, compact form factor, the D10 Pro eliminates the need for separate conferencing hardware such as cameras, microphones, speakers, and signal switchers.

At its core, the D10 Pro combines a powerful dual-lens 4K camera system, an intelligent 8-element MEMS microphone array, and stereo Hi-Fi speakers, delivering an immersive conferencing experience. The integrated USB-C interface makes it ideal for users to connect their laptops and seamlessly conduct meetings via platforms like Zoom, Microsoft Teams, Google Meet, and Cisco Webex, without relying on onboard SIP/H.323 dial-out features.

The device operates on a stable embedded Android platform, providing a simple, plug-and-play user experience with intuitive remote control and enterprise-grade configuration options. It supports both wired and wireless screen casting, allowing for flexible usage across boardrooms, classrooms, studios, and co-working environments.

## 1.2 Product Features

### Dual-Lens 4K Camera System

- Includes a 10x optical zoom PTZ lens for speaker tracking and a 121° panoramic lens for full-room coverage.
- AI-enhanced camera switching and framing for dynamic meeting visuals.

### BYOM (Bring Your Own Meeting) Ready

- USB-C port enables plug-and-play functionality with major conferencing apps on Windows/macOS.
- Instantly uses the D10 Pro's camera, microphone, and speaker on the connected laptop.

### Wireless Screen Casting

- Native support for AirPlay, Miracast, and Google Cast.
- Share content wirelessly from laptops, smartphones, or tablets on the same network.

### Integrated Audio System

- Built-in 8-MEMS mic array with 6-meter pickup range.
- Supports AEC (Acoustic Echo Cancellation), AGC (Auto Gain Control), and ANR (Active Noise Reduction).
- Dual 5W stereo speakers for natural and rich voice reproduction.

### Dual 4K HDMI Outputs

- Simultaneous display support for presentation + video output at up to 4K@60Hz.

### Smart Control Interface

- Easy-to-use Bluetooth remote for full camera and audio control.
- Embedded menu with admin-level system configuration options.

### Flexible Mounting Options

- Suitable for wall mounting, tabletop placement, or display-top mounting.
- Includes installation kit and accessories.

### Enterprise-Grade Security

- Features include HTTPS login, admin password control, IP whitelisting, and local firewall settings.



### 1.3 Core Use Case: BYOM-Optimized Collaboration

The Xylon D10 Pro is purpose-built for environments that demand flexible and efficient BYOM functionality. Key use cases include:

#### ✓ Boardrooms & Executive Meeting Rooms

- Plug in a laptop via USB-C and instantly use the device's AI camera and audio system for secure, high-quality meetings.
- Perfect for organizations using varied UC platforms across teams.

#### ✓ Hybrid Classrooms & Training Spaces

- Teachers can wirelessly cast content while students join from local or remote locations.
- AI framing ensures the speaker remains in focus throughout.

#### ✓ Design & Engineering Teams

- Share and present CAD models, simulations, and detailed graphics over 4K HDMI or wireless cast.
- Allows rapid switch between content presentation and live team discussions.

#### ✓ Flexible Workspaces & Co-Working Hubs

- Ideal for hot-desking and shared meeting rooms.
- No need for permanent installation or reconfiguration—just plug and present.

#### ✓ Small Government or Admin Offices

- A secure, easy-to-use solution without the complexity of traditional SIP systems.
- Can be isolated from external networks using hotspot/local network modes.





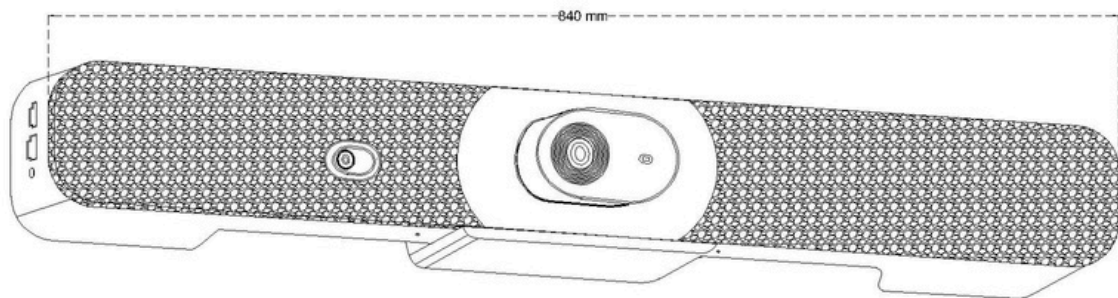
## 2.. PRODUCT DESIGN & STRUCTURE

### 2.1 Front Panel Overview

The front panel of the Aniston Xylon D10 Pro is clean and modern, housing all essential AV components within a compact chassis designed to deliver immersive collaboration. It blends functionality with a sleek aesthetic suitable for professional spaces.

#### ◆ Key Components:

- **Panoramic Camera (Wide-Angle Lens)**
  - Offers a 121° horizontal field of view to capture the full width of the room, ideal for wide tables or collaborative huddle setups.
- **PTZ Camera (Motorized with 10x Optical Zoom)**
  - Enables high-precision speaker tracking and close-up framing using AI motion and voice cues.
  - Switchable with panoramic lens for dual perspectives.
- **8-MEMS Microphone Array**
  - Discreetly embedded beneath the speaker grill.
  - Picks up clear voice input from up to 6 meters, enhanced with AEC, AGC, and ANR algorithms.
- **LED Status Indicator**
  - Multi-color indicator to show system status:
    - Green: Powered on
    - Blue (flashing): BYOM / Pairing / Casting mode
    - Red: Error or firmware activity
    - Off: Standby or powered off
- **Front-Facing Stereo Speaker Grilles**
  - Houses dual 5W Hi-Fi speakers for crisp audio output during video calls or media playback.

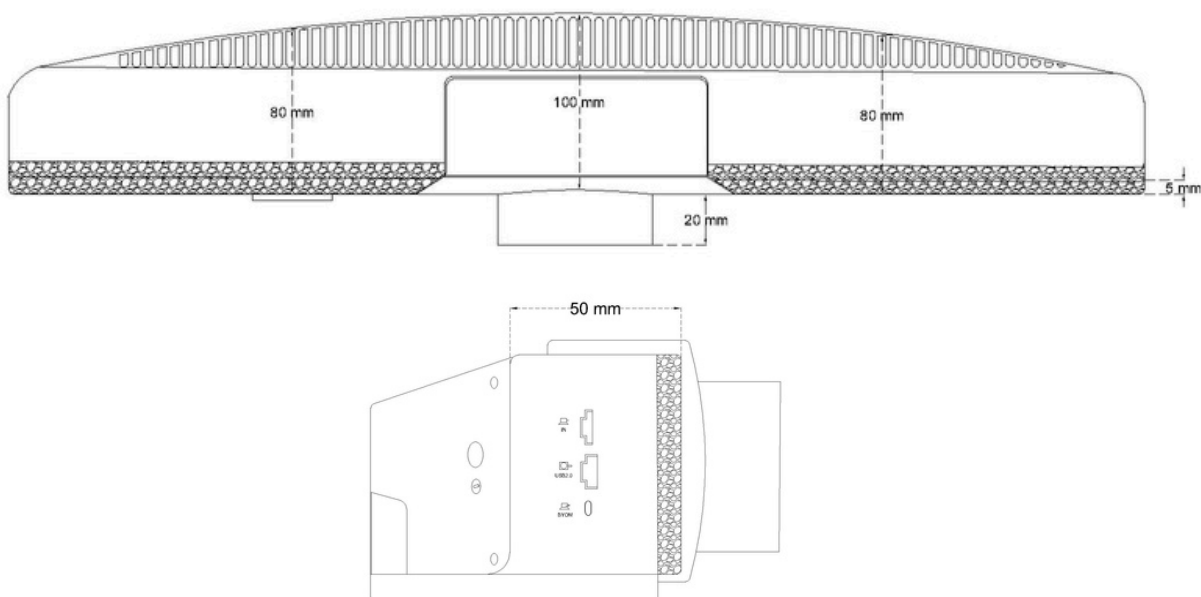


## 2.2 Rear & Side Panel Overview

The rear and side panels of the D10 Pro provide versatile and clearly labeled connectivity options, making integration straightforward for installers and users.

### 🔌 Rear Ports & Inputs:

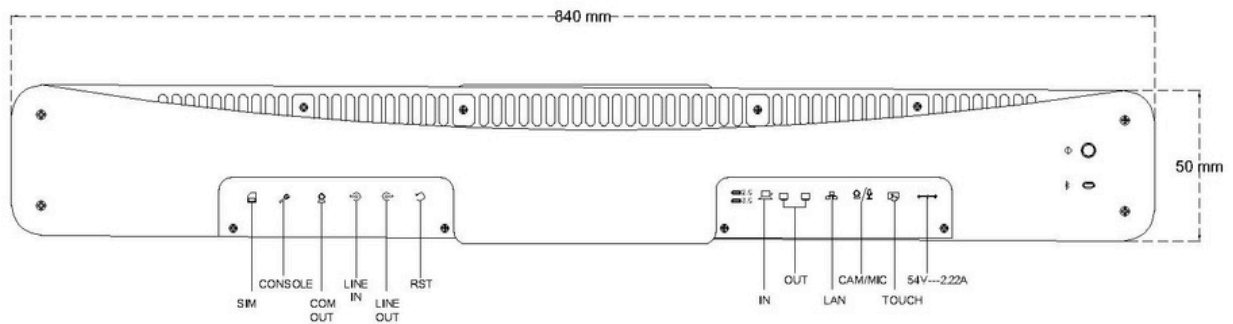
- **HDMI Output x2 (4K@60Hz)**
  - For connecting to dual monitors or projectors for presentation + speaker view.
- **HDMI Input x2**
  - Allows connection of an external source (e.g., laptop, media player) for content pass-through.
- **USB-C Port**
  - Central to BYOM functionality.
  - When connected, the laptop instantly gains access to the device's camera, microphone, and speaker.
- **USB-A 3.0 x1 + USB-A 2.0 x3**
  - For peripherals like keyboard/mouse, USB drives, or firmware updates.
- **LAN Ports:**
  - 1x Gigabit Ethernet (Standard Network Access)
  - 2x PoE Ethernet (Power over Ethernet) – enables dual network or power-only configurations.
- **3.5mm Audio In/Out Combo Jack**
  - Interface for external microphones, mixers, or auxiliary speakers.
- **RS232 Serial Port (COM)**
  - For advanced AV control system integration (e.g., Crestron, AMX).
- **12V/3A DC Power Input**
  - Connects to the included power adapter (use either PoE or DC—not both).
- **Reset Pinhole Button**
  - For restoring factory settings or initiating firmware recovery.



## 2.3 Consolidated Port Summary

For quick access and integration, here is the consolidated port list:

Port Type	Quantity	Description
HDMI Out	2	4K@60Hz video output to displays
HDMI In	2	Input from laptops/media players
USB-C	1	BYOM (Camera + Audio via USB)
USB-A 3.0	1	High-speed USB peripherals
USB-A 2.0	3	For additional input devices
LAN (PoE)	2	Power over Ethernet or dual LAN config
LAN (GbE)	1	Standard Gigabit Network access
3.5mm	1	For external mic/speaker integration
RS232	1	Serial port for control systems
DC In	1	Dedicated power input
Reset	1	Factory reset / firmware recovery

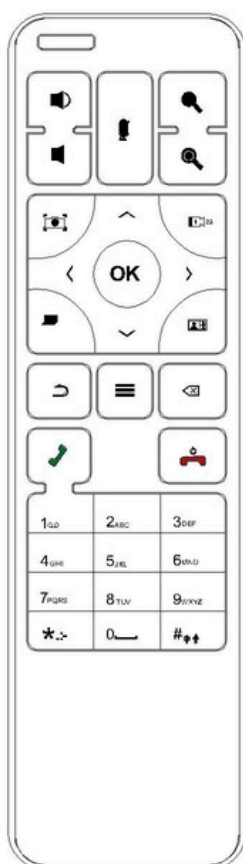


## 2.4 Remote Control Overview

The Bluetooth remote control offers intuitive navigation and control:

- Power Button – Turns the system on/off.
- Home/Menu Button – Opens system settings and shortcut menus.
- PTZ Directional Pad – Controls camera movement (up/down/left/right).
- Zoom In/Out Buttons – Adjust optical zoom of the PTZ lens.
- Framing Button – Activates smart framing mode.
- Camera Select – Toggle between PTZ and panoramic lens.
- Preset Keys (1-10) – Recalls saved PTZ camera position
- Volume & Mute – Controls speaker output and mic mute/unmute.
- OK/Back Buttons – For selection and navigation within the menu UI.

**Note:** The remote is pre-paired with the unit. If lost or replaced, pairing can be re-initiated by holding the “Home” + “Back” buttons for 3 seconds.



S.no	Icon	Meaning
1		Status indicator
2		The Output Volume adjustment button.
		Mic On / Off Switch.
		Camera zoom in and Zoom out button.
		Menu direction selection button, camera direction adjustment button. Up, Down, left, right buttons.
		OK button.
		Intelligent Framing Button
		Camera selection button.
3		Button for switching local image layout
		Button for switching
		Menu button when this button is pressed, the expanded functions interface or the main menu appears.
		Backspace button/Deletion button.
		Dialing button.
		The button for hanging up the meeting powering on/off the device.
		Numeric and alphabetic keyboard








## 3. PACKAGE OF CONTENTS

### 3.1 Included Items

Item	Quantity	Description
Xylon D10 Pro Video Bar	1	All-in-one main unit
Bluetooth Remote Control	1	Pre-paired control for camera movement, volume, layout, presets, and settings
USB-C to USB-A Cable	1	For BYOM or content sharing
HDMI Cable	1	4K60Hz supported display cable
12V/3A Power Adapter	1	Power supply unit with standard plug
Wall Mount Bracket Set	1	For display or wall mounting
User Manual	1	This guide
Warranty Card & QC Certificate	1	Official warranty registration & quality check

### 3.2 Handling Precautions

To ensure safe setup and long-term reliability:

-  Inspect all items upon delivery. Report any damage or missing components to your distributor or Aniston support.
-  Use only the included power adapter or a verified PoE network setup. Using incompatible adapters may damage the device.
-  Do not force connectors into ports. The video bar includes high-density precision connectors—align them properly before inserting.
-  Store packaging material safely. It may be needed for warranty returns or transportation.
-  Keep remote and small parts out of reach of children. These components may pose a choking hazard.



## 4. SETUP & CONFIGURATION

### Get Started in Minutes — BYOM-Ready Out of the Box

The Aniston Xylon D10 Pro is designed for effortless deployment in boardrooms, meeting spaces, and hybrid work environments. With plug-and-play connectivity, intuitive interfaces, and flexible mounting options, you can be up and running in minutes.

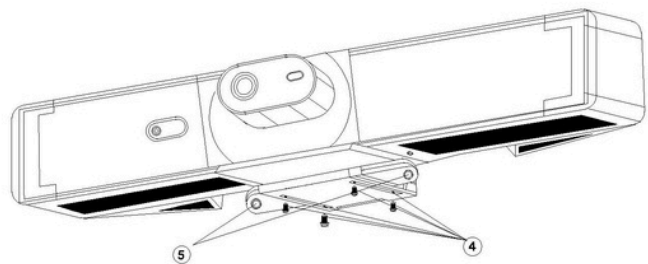
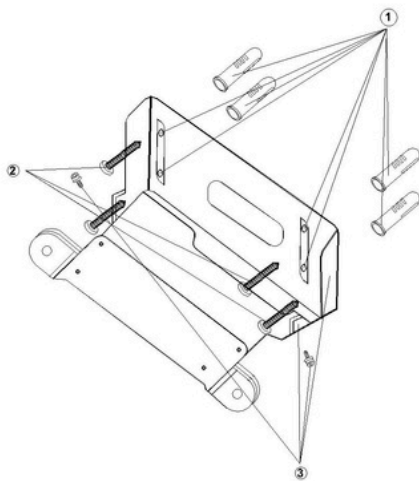
#### 4.1 Unboxing & Mounting

Before installation, identify a suitable location for the video bar:

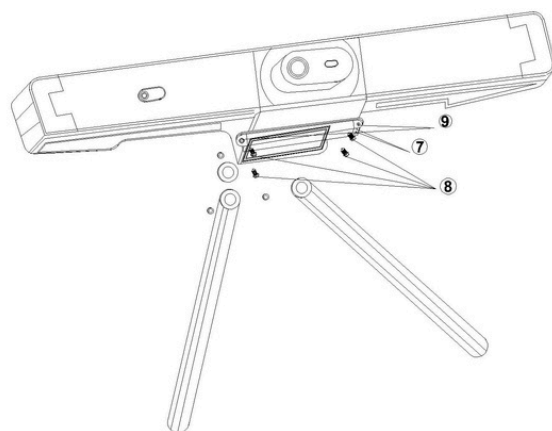
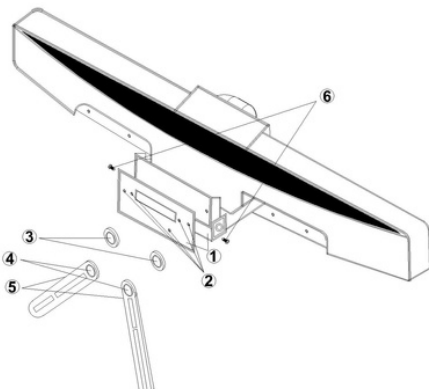
✓ Placement Options:

- Tabletop (default): Place on a stable surface under the display.
- Wall-Mounted: Use the included wall mount bracket to install above or below a screen.
- Display-Top: Mount on a monitor using optional clamp kits (sold separately).

⚠ Ensure clear visibility for both PTZ and panoramic lenses. Avoid placing the unit behind glass or obstructions.



Wall Mount



TV Stand Mount



## 4.2 Power-On and First Boot

### Connect Power

- Plug the 12V/3A adapter into the DC IN port or connect to a PoE-enabled Ethernet port (do not use both).

### Connect to Display

- Use the included HDMI cable to connect the HDMI OUT port to your display.

### Boot Sequence

- Upon power-up, the LED turns green and the system will boot to the Home screen in under 30 seconds.

### Pair the Remote (if needed)

- Hold Home + Back for 3 seconds to initiate Bluetooth pairing.

## 4.3 Network Setup

### Wired (Ethernet or PoE)

- Navigate to:
- Settings > Network > Wired LAN
- Choose:
  - **DHCP:** Automatic IP address (default)
  - **Static IP:** Manual network assignment

### Wi-Fi

- Navigate to:
- Settings > Network > Wi-Fi
- Toggle Wi-Fi ON, select your SSID, and enter the password.

### Hotspot Mode

- Enable under:
- Settings > Network > Hotspot Mode
- Useful in offline environments or direct laptop casting.
- Set custom SSID and password for direct pairing.

 Tip: For wireless casting or updates, ensure strong Wi-Fi signal and avoid interference.

## 4.4 System Interface Overview

After boot, the Home Screen displays key modes:

Icon	Function
BYOM/USB-C	Activates USB camera/mic/speaker mode
Wireless Cast	For AirPlay, Miracast, Google Cast
Settings	System, audio, video, and admin settings
Camera Control	Access PTZ and AI framing features
Help	Quick reference, user tips, and firmware



## 4.5 Admin Password & Security Setup

1. Go to:
2. Settings > Security > Admin Password
3. Create a strong admin password:
  - Minimum 6 characters
  - Include letters and numbers
4. Once set, the system prompts for this password before allowing configuration changes.

 Protects against unauthorized access and tampering.

## 4.6 Video & Display Configuration

- Navigate to:
- Settings > Display

Set:

- Output resolution: 720p, 1080p, or 4K
- HDMI layout: Mirror, extended, or split mode
- Idle timeout / screen saver
- Company logo overlay (optional)

For best BYOM visuals, use 4K@60Hz output on HDMI for crisp dual-monitor setups.

## 4.7 Quick Start Guide for BYOM Meetings

Connect & Start Your Meeting in Under 60 Seconds

The Aniston Xylon D10 Pro is designed to make BYOM (Bring Your Own Meeting) as simple as plugging in a cable. No drivers. No configuration. Just connect and collaborate.

### 3-Step Quick Setup (USB-C Wired BYOM)

1. Connect Your Laptop
  - Use the provided USB-C cable.
  - Plug it into your laptop and the D10 Pro's USB-C port.
2. Select the D10 Pro in Your Meeting App
  - In Zoom/Teams/Webex/Google Meet:
    - Camera: "Xylon D10 Pro"
    - Microphone: Xylon Mic
    - Speaker: Xylon Speaker





## 5. BYOM & SCREEN CASTING — IN-DEPTH USAGE GUIDE

Explore All Connection Modes for Meetings, Presentations & More

The Xylon D10 Pro supports multiple methods for connectivity and collaboration — whether it's a full video conference via USB-C or screen sharing using wireless protocols like AirPlay, Miracast, or Google Cast.

### 5.1 USB-C BYOM Mode – Full Conferencing Experience

💡 Key Features:

- Turns the video bar into a USB peripheral (Camera + Mic + Speaker)
- Compatible with Zoom, Microsoft Teams, Google Meet, Webex, and more
- No driver installation needed on Windows/macOS

🔧 Recommended Use:

- Plug into USB-C port
- Select D10 Pro hardware in conferencing software
- Ideal for huddle rooms, boardrooms, and hybrid setups

#### USB-C BYOM

✓ Full AV Control	PTZ, framing, audio
✓ Microphone & Speaker	Included in call
✓ Ultra-low latency	Live audio-video
✓ Compatible OS	Windows/macOS

### 5.2 Wireless Screen Casting – Content Sharing Made Easy

D10 Pro supports native casting from phones, tablets, and laptops — ideal for presentations, training, or quick display mirroring.

🔗 Supported Protocols:

- AirPlay (Apple devices)
- Miracast (Windows/Android)
- Google Cast (Android/Chrome OS)

📱 To Cast:

1. Ensure your device and D10 Pro are on the same Wi-Fi network.
2. Open your device's casting tool:
  - Windows: Win + K
  - iOS/macOS: Control Center > Screen Mirroring
  - Android: Smart View / Cast option
3. Select "Xylon D10 Pro" to mirror your screen.

⚠️ Wireless casting does not support webcam or mic passthrough. It is for display only.

Casting Comparison	USB-C BYOM	Wireless Casting
AV Peripheral (Cam/Mic/Speaker)	✓ Yes	✗ No
Video Quality	Excellent (4K)	Good (varies with Wi-Fi)
Ideal Use	Full Video Meetings	Presentations / Demos



### 5.3 Switching Between Cameras

Use the remote control to:

- Toggle between:
  - PTZ camera (Zoom, pan, speaker focus)
  - Panoramic lens (Full room overview)
- Activate:
  - Auto-framing: Automatically centers participants
  - Speaker tracking: Focuses on the active speaker

### 5.4 Platform Compatibility Summary

Device Type	BYOM (USB-C)	Wireless Casting
Windows Laptop	✓ Yes	✓ Miracast
macOS / MacBook	✓ Yes	✓ AirPlay
Android Phones/Tablets	✗ No	✓ Miracast / Cast
iPhones/iPads	✗ No	✓ AirPlay
Chromebooks	✗ No	✓ Google Cast

### 5.5 Switching Between Camera Views (PTZ / Panoramic)

Dual-Lens Intelligence — Full Room Coverage and Smart Focus Control

The Aniston Xylon D10 Pro is equipped with a dual-lens 4K camera system that includes:

- A PTZ Camera with 10x optical zoom for close-up speaker focus and precision control
- A Panoramic Wide-Angle Lens with a 121° field of view for full-room awareness

These two lenses can be toggled manually or automatically using the remote, providing both static wide views and dynamic speaker tracking as needed.

#### PTZ Camera (Pan-Tilt-Zoom)

The PTZ camera is ideal for:

- Speaker focus
- One-on-one presentations
- Instructor views in hybrid classrooms

#### Manual Control:

- Use the Directional Pad on the remote to pan and tilt
- Use Zoom In/Out buttons for optical zoom up to 10x
- Save preset positions (1–10) for instant recall

#### Smart Control:

- Enable Auto-Framing to automatically adjust view to fit all participants
- Enable Speaker Tracking to follow the active speaker dynamically

#### Panoramic Wide-Angle Lens

This lens is best suited for:

- Group discussions
- Collaborative spaces
- Situations where the room layout is wide or participants are moving



#### Key Benefits:

- Static ultra-wide coverage (121° HFoV)
- No mechanical movement = faster transition and no noise
- Always-on overview ideal for passive monitoring or hybrid presence

#### Switching Between Views

To toggle between PTZ and panoramic lens:

1. Press the Camera Select button on the remote
2. On-screen overlay shows the current active lens
3. Use framing options (auto/manual) based on lens selected

#### Best Practices

Meeting Type	Recommended Lens
Formal boardroom meeting	PTZ with auto-framing
Hybrid classroom session	PTZ with speaker tracking
Team collaboration/huddle	Panoramic lens
Presentations + Q&A combo	Switch between both as needed



## 6. CAMERA & AUDIO FUNCTIONS

Intelligent Visual and Acoustic Precision — Powered by AI


The Aniston Xylon D10 Pro offers advanced camera and microphone features for dynamic, clear, and immersive meetings. With dual 4K lenses, AI framing, and a studio-grade MEMS microphone array, your meetings will stay visually sharp and sonically clear regardless of room layout or participant movement.

### 6.1 PTZ Camera Control (Zoom, Pan, Tilt)

The D10 Pro's motorized PTZ (Pan-Tilt-Zoom) camera allows users to manually control the frame with high precision and zero distortion, perfect for speaker-focused discussions or instructor-led sessions.

 Manual PTZ Controls:

- Pan/Tilt:
  - Use the arrow keys on the remote to move the camera left, right, up, and down
- Zoom:
  - Use Zoom + / Zoom – buttons to magnify up to 10x optical zoom without quality loss
- Focus Adjustment:
  - Autofocus is enabled by default, but manual refocus can be triggered via the remote or UI if needed

 Ideal for live switching between participants, focusing on presenters, or zooming in on whiteboards or shared content.

### 6.2 AI Auto-Framing & Speaker Tracking

The D10 Pro is equipped with AI-powered computer vision to automate framing and speaker focus, enhancing visual engagement during meetings without manual input.

 Auto-Framing (Group View):

- Detects the number and position of participants
- Dynamically adjusts zoom and framing to include everyone in the shot
- Automatically repositions as people enter or exit the frame

 Speaker Tracking (Presenter View):

- Uses voice localization and facial cues to identify the active speaker
- Smoothly pans and zooms the PTZ lens to keep the speaker centered
- Ideal for solo presentations or Q&A sessions

 How to Activate:

- On Remote:
  - Press Framing Button to toggle modes
- Via Menu:
  - Shortcut Menu > Camera AI Modes

 Both features work best in well-lit environments with participants facing the camera.




### 6.3 Audio Settings (AGC, AEC, ANR)

The Xylon D10 Pro integrates an 8-MEMS microphone array enhanced by onboard DSP to deliver crystal-clear audio pickup even in large or noisy environments.

 Key Audio Processing Features:

Feature	Description
AGC (Auto Gain Control)	Automatically balances voice volume regardless of distance
AEC (Acoustic Echo Cancellation)	Eliminates feedback loops between mic and speaker
ANR (Active Noise Reduction)	Suppresses background noise such as fans, typing, or HVAC hum

 How to Adjust:

- Go to: Settings > Audio Settings
- Toggle AGC, AEC, and ANR ON/OFF as needed
- Adjust mic gain and speaker volume for optimal room coverage


 The default settings are optimized for conference room use, but can be fine-tuned per installation.

### 6.4 Preset Positions & Recall


Presets allow you to save specific camera views (e.g., speaker table, whiteboard, room center) and switch between them instantly using the remote control.

 To Save a Preset:

- 1.Position the PTZ camera using the remote
- 2.Press and hold any number key (1–10) for 3 seconds
- 3.On-screen confirmation appears

 To Recall a Preset:

- Simply press the corresponding number key (1–10)
- The camera moves instantly to the saved angle and zoom

 Combine presets with speaker tracking for smart transitions during hybrid or multi-participant meetings.



# 7. SYSTEM SETTINGS & CUSTOMIZATION

## Configure Your D10 Pro for Any Room, Display, or Workflow

The Aniston Xylon D10 Pro is equipped with a user-friendly interface that allows you to customize visual outputs, perform firmware updates, and monitor diagnostics — all without needing advanced technical skills. Whether you're deploying one unit or managing a fleet, system-level configuration ensures your video bar aligns with your meeting room setup and AV standards.

### 7.1 Display & Video Settings

You can fine-tune how the video bar renders and outputs video to connected displays.

#### Adjustable Settings:

- Resolution Output
  - Choose from 720p, 1080p, or 4K@60Hz depending on display capability
- Aspect Ratio
  - Options include 16:9, 4:3, or auto-adjust to match connected screens
- Display Scaling
  - Zoom in/out to optimize layout fitting for different screens
- Screen Saver Timeout
  - Set idle timeout period before screen dims or logo appears
- Logo Overlay (Optional)
  - Display company or project branding during idle mode or active video

#### Navigation Path:

Main Menu > Settings > Display

 For best performance, pair with 4K displays using the included HDMI 2.0 cable.

### 7.2 HDMI Output Configuration

The D10 Pro supports dual HDMI outputs, giving you flexible options for display layouts — whether mirroring, extending, or combining views.

#### HDMI Output Modes:

Mode	Description
Mirror	Same content on both HDMI displays
Extended	Use one screen for camera view, another for content
Split Mode	Assign UI to one screen, meeting feed to the other

#### Configuration Options:

- Assign primary and secondary displays
- Define screen priority in dual output environments
- Adjust output signal format to match legacy or modern displays

#### Navigation Path:

Settings > Display > HDMI Output

 Tip: Extended mode is ideal for training rooms or dual-display boardrooms.



## 7.3 Firmware Update

Keep your D10 Pro current with the latest features, performance enhancements, and security patches via:


 Two Update Methods:

### 1. Online (Cloud-Based)

- Navigate to Settings > System > Firmware Upgrade
- Select Check for Updates
- If an update is available, follow the on-screen prompts

### 2. Offline (USB-Based)

- Download the latest firmware from [www.anistonav.com/support](http://www.anistonav.com/support)
- Save it to a USB drive (root directory)
- Insert USB into the video bar
- Navigate to the Offline Upgrade tab and initiate the process

 Do not power off the device during firmware installation.

## 7.4 Logs, Diagnostics & System Info


System-level monitoring tools help IT administrators diagnose network issues, hardware status, and usage behavior.

 Key Diagnostic Tools:

- System Log Viewer
  - View boot logs, error reports, usage history
- Device Health Monitor
  - CPU temperature, memory usage, and runtime stats
- Network Diagnostics
  - Ping gateway, DNS lookup, signal strength
- Camera & Audio Test Utility
  - Test individual mic elements, speaker output, and camera movement
- Storage Monitor
  - Check available internal storage and USB device detection

 Navigation Path:

Settings > System > Diagnosis / Logs

 All logs can be exported via USB for IT review or sent to Aniston support for advanced diagnostics.



## 8.TECHNICAL SPECIFICATIONS

Comprehensive Hardware & Feature Overview of the Aniston Xylon D10 Pro  
The following table provides a detailed breakdown of the core specifications for the Xylon D10 Pro AI Video Bar, covering all major categories including camera, audio, connectivity, and BYOM capabilities.

### General Information

Specification	Possible Cause
Model	Xylon D10 Pro AI Conferencing Bar
Product Type	Integrated Android-Based Video Bar
Operating System	Android Platform (Estimated version 9+)

### Camera Specifications

Component	Main PTZ Camera	Wide-Angle Camera
Image Sensor	1/2.8" high-quality CMOS sensor	1/2.8" advanced CMOS sensor
Effective Pixels	8MP high-resolution	8MP digital resolution
Field of View (HFOV)	70° horizontal	121° ultra-wide
Zoom	10x true optical zoom	4x digital zoom (ePTZ)
Focal Length	4.32 mm – 40.9 mm	Fixed
Pan / Tilt Range	±25° pan / ±15° tilt	N/A

### Video Output & Compression

Output Signal Type	1 × HDMI 2.0, Max resolution 4K@60Hz
Video Compression Formats	MJPEG, H.264, H.265
Supported Video Resolution	4K@30fps, Full HD, HD

### Audio System

Microphone Type	Built-in 8-element MEMS microphone array
Pickup Range	Voice capture up to 6 meters
Audio Features	AGC, AEC, ANR (Gain Control, Echo Cancel, Noise Reduction)
Speaker Type	Integrated Hi-Fi stereo speaker
Speaker Output	Dual 5W speakers (Total output: 8W)

### AI & Automation

| AI Features | Auto-framing, speaker tracking, face detection |

### BYOM & Connectivity

BYOM Mode	USB-C based BYOM (Plug & Play with Zoom, Teams, Webex)
USB Ports	1 × USB-C, 1 × USB-A 3.0, 3 × USB-A 2.0
HDMI Ports	2 × HDMI Outputs, 2 × HDMI Inputs (Selectable)
LAN Ports	2 × PoE (Power over Ethernet), 1 × Gigabit LAN
Audio Interfaces	3.5 mm line-in/out combo jack
Control Interfaces	RS232-compatible COM port + system reset pin

### Installation & Accessories

| Mounting Options | Wall mount, tabletop, or under-display install |  
| Optional Accessories | External mic/speakerphone (available separately) |





## 9.TROUBLESHOOTING GUIDE

Identify and Resolve Issues Quickly with Built-In Diagnostics

The Xylon D10 Pro is designed to offer a stable, high-performance experience across all supported platforms. However, if issues occur, the following guide helps you troubleshoot common problems, understand LED indicators, and reset the device if needed.

### 9.1 Common Issues & Fixes

Issue	Possible Cause	Recommended Action
Device does not power on	power adapter not connected or faulty	Check power cable, outlet, or use PoE Ethernet input
No display output on connected monitor	HDMI cable not properly connected or incorrect input	Reconnect HDMI cable, select correct input on display
No camera/audio detected in BYOM mode	USB-C not fully connected or laptop port unsupported	Reinsert cable, use USB 3.0 port with DisplayPort
Mic not picking up voice	Muted via remote or sys term settings	Unmute via remote or go to Settings > Audio
Audio output too low or distorted	Volume too low or external interference	Increase volume, check speaker vents, disable noise nearby
Auto-Framing not working	Poor lighting or subject too far from camera	Improve room lighting, sit within 6m of camera
Wireless casting not detected	Device not on same Wi-Fi network as video bar	Ensure both devices are on the same SSID
Remote control not responding	Out of range or not paired	Re-pair by holding Home + Back for 3 seconds
Cannot connect to network	DHCP issue, wrong password, or LAN unplugged	Verify credentials, reboot router, or use static IP setup

 Tip: Always ensure firmware is up to date for optimal performance and stability.

### 9.2 LED Status Reference

The front-facing multi-color LED indicator communicates system status at a glance.

LED Color / Behavior	System Status
Solid Green	Powered on and functioning normally
Blinking Blue	BYOM connection active / casting in progress
Solid Red	Error state or firmware update in progress
Off	Device powered off or no video signal detected




### 9.3 Factory Reset & Recovery

If your system becomes unresponsive or misconfigured, you can perform a factory reset or a firmware recovery.


#### Factory Reset

- Option 1 (Menu):
  - Go to Settings > System > Reset Factory Settings
- Option 2 (Physical):
  - Locate the Reset pinhole on the back panel
  - Insert a paperclip and hold for 8 seconds

 All user data, settings, presets, and network configs will be erased.

#### Firmware Recovery (Advanced)

- Download the latest firmware from [www.anistonav.com/support](http://www.anistonav.com/support)
- Copy the firmware file to the root directory of a USB drive
- Insert USB into the D10 Pro's USB port
- Press and hold the Reset pinhole during power-on until LED flashes purple
- Follow on-screen prompts to reinstall the system

 Note: Always back up your configuration before factory resetting or recovery.



# 10. MAINTENANCE & SAFETY

## 10.1 Cleaning Guidelines

Regular cleaning helps maintain optimal camera clarity and microphone sensitivity, while preventing dust buildup in the speaker grill and air vents.

 Recommended Cleaning Materials:


- Soft dry microfiber cloth (for general dust)
- Isopropyl alcohol (70% or higher) lightly applied to cloth (for smudges)

 Avoid:

- Aerosol sprays or liquid cleaners directly on the unit
- Abrasive cloths, paper towels, or scouring pads
- Cleaning near ports or lens with excessive pressure

 Cleaning Steps:

- Power off the device and unplug all connections.
- Gently wipe the exterior surface, front lens, and speaker grilles.
- For stubborn smudges, use a lightly dampened cloth with alcohol.
- Allow the device to dry fully before reconnecting power or cables.

 Do not attempt to open the device casing. Internal cleaning should only be performed by certified technicians.

## 10.2 Environmental Considerations


Ensure the device operates in a safe, cool, and dust-free environment.

Parameter	System Status
Operating Temperature	0°C to 40°C (32°F to 104°F)
Humidity	10% to 85% (non-condensing)
Altitude (non-pressurized)	≤ 3000 meters above sea level
Ventilation	Keep at least 10cm of space around air vents
Exposure	Avoid direct sunlight, liquid spills, or magnetic fields

 Tip: In enclosed rack or cabinet installations, provide active airflow or fans to avoid thermal buildup.

## 10.3 Storage Tips


For long-term storage or transportation of the device, follow these best practices:

 Before Storing:

- Power off the unit and disconnect all cables
- Clean the exterior surface
- Backup any configurations if custom settings were applied

 Storage Guidelines:

- Use original packaging with foam inserts, or a padded protective case
- Store in a dry, dust-free, and temperature-stable environment
- Avoid stacking heavy objects on top of the unit
- Keep away from sources of moisture or chemical exposure

 Keep accessories like remote, cables, and wall mount kit together in a labeled box for easy re-deployment.



## 11. WARRANTY & SUPPORT

Peace of Mind Backed by Aniston Quality Assurance

Aniston Technologies LLP is committed to delivering premium quality products backed by responsive support. The Xylon D10 Pro is covered under a standard limited warranty to protect your investment and ensure performance.

### 11.1 Warranty Terms

- Coverage Duration:
- The Aniston Xylon D10 Pro is covered by a 1-year limited hardware warranty from the date of original purchase.
- Coverage Includes:
  - Manufacturing defects in materials or workmanship
  - Hardware malfunctions under normal usage
  - Faulty accessories included in the original package (e.g., remote, power adapter)
- Not Covered Under Warranty:
  - Damage caused by misuse, mishandling, or unauthorized modification
  - Electrical damage due to incorrect power supply
  - Cosmetic damage (scratches, dents) not affecting functionality
  - Issues caused by incompatible third-party accessories or power sources
  - Software or app-based issues not related to factory firmware
- Voiding of Warranty:
  - Attempting to open or service the product without authorization
  - Use of non-certified power supplies or accessories
  - Failure to follow installation or safety guidelines

✦ For extended warranty options, please contact your distributor or Aniston sales representative.

### 11.2 Claim Process

If you believe your device is experiencing a warranty-covered issue, follow the steps below:

🔧 Step-by-Step Claim Guide:

1. Contact Aniston Support
  - Email: [support@anistontech.com](mailto:support@anistontech.com)
  - Include your product serial number, proof of purchase, and detailed description of the issue
1. Troubleshooting Assistance
  - Our team will guide you through basic diagnostics or remote troubleshooting (if applicable)
2. RMA Authorization
  - If the issue is confirmed as a warranty case, you will receive a Return Material Authorization (RMA) number and return instructions
3. Return the Product
  - Ship the product in original or secure packaging to the address provided with the RMA form
4. Repair or Replacement
  - Upon inspection, Aniston will either repair the device, replace it, or issue a credit (depending on the case and stock availability)

🧠 Keep your original invoice and warranty card for smooth verification and processing.



## CONTACT & CUSTOMER SUPPORT

### Need Help? We're Just an Email Away.

Aniston Technologies LLP is committed to providing prompt and professional support for all of our products. If you require assistance with installation, troubleshooting, warranty claims, or technical information, please reach out using the channels below.

### Customer Support Channels

#### HQ India / Asia

asia@anistonav.com  
anistonav.com

#### Europe

europe@anistonav.com  
anistonav.com/europe

#### United States

unitedstates@anistonav.com  
anistonav.com/us

#### Middle East

uae@anistonav.com  
anistonav.com/uae

*Thank You*



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