

MTower Datasheet

Center-view Intelligent Camera for Optimal Perspective

MTower is a triple-eye tabletop camera designed for small to medium meeting rooms. When it connects to MTR cameras, the optimal angles of all participants can be intelligently captured, enhancing the meeting experience. MTower features three cameras arranged in a ring, providing crystal-clear visibility of each participant around the table and capturing every detail with exceptional clarity. It also features 6+1 built-in mics at the top, enhancing the accuracy of sound source positioning. Furthermore, the cylindrical structure of MTower is both artistic and space-efficient. To protect the privacy and security of meetings, MTower is designed with a magnetic levitation privacy cover to provide users with a secure experience.



IntelliVision



Magnetic levitation privacy cover



Triple-eye 8MP cameras



6m-360° pick up range

Key Features and Benefits

- IntelliVision for Perfect Head-on Views
- Triple-eye 8MP Cameras Capture Every Detail of the Meeting

- Magnetic Levitation Lens Cover Ensures Privacy
- Superior Audio Experience

IntelliVision for Perfect Head-on Views

Connecting MTower to MTR cameras delivers a powerful and intelligent meeting experience. Combining the tabletop and front-of-room cameras captures participants' images from multiple angles. IntelliVision feature can intelligently select and display the optimal frontal view of each participant, ensuring that the image consistently provides the best perspective. This is beneficial for the remote participants as it provides them with an immersive meeting experience.

Triple-eye 8MP Cameras Capture Every Detail of the Meeting

MTower is a tabletop camera equipped with three built-in 4K cameras. It features an 84.4° HFOV telephoto central camera and two 151° HFOV wide-angle side cameras, providing perfect coverage of all details and ensuring clear images of the distant participants.

Magnetic Levitation Lens Cover Ensures Privacy

MTower is designed with a magnetic levitation lens cover that automatically rises and falls following the meeting status. Utilizing advanced magnetic levitation technology, it delivers swift, silent movement to cover three cameras simultaneously, ensuring unparalleled privacy protection. In addition, contactless movement eliminates physical friction and mechanical contact, reducing wear and tear.

Superior Audio Experience

6+1 microphones are deployed at the top of MTower, beamforming arrays enhance sound source positioning accuracy and ensure a clear experience for remote participants. Additionally, expanding a 3-meter quality voice pickup range ensures that all participants can be heard clearly in a medium meeting room.

Specification

Parameters	Description
Package Content	• MTower • Tabletop fixed bracket • 7.5m CAT5e cable
Physical Features	• Dimensions: $\Phi 142.5\text{mm}$ * H303 mm • Weight: 1.23 kg
Telephoto Camera	• 8MP, Sony sensor • 93.5°DFOV, 84.4°HFOV, 53.1°VHOV • Magnetic levitation automatic privacy cover
Wide-angle Camera	• 8MP, Sony sensor • 182°DFOV, 151°HFOV, 81°VHOV • Magnetic levitation automatic privacy cover
Audio	• Built-in 6+1 mics beamforming array • Echo canceller technology • Intelligent noise cancellation technology • 3-meter quality voice pickup range • 6-meter voice pick range

Button & Interfaces	• 1* Camera mute • 2* Mic mute • 1* Reset • 1* VCH port (RJ-45)
---------------------	---