

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



ދިވެހިރާއްޖޭގެ ޖުމްހޫރިއްޔާ ގުޅިގެން  
ލަބިފައިވާ ސަރުކާރުގެ ގަވާއިދުތަކުގެ ދަށުން



## ސަރުކާރުގެ ޖުމްހޫރިއްޔާ ގުޅިގެން ލަބިފައިވާ ސަރުކާރުގެ ގަވާއިދުތަކުގެ ދަށުން

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## Video Conferencing System

### Rally Camera

Zoom: 15x HD zoom (5x optical + 3x digital)

Pan: 180° (±90°)

Tilt: 140° (+50° / -90°)

#### Field of View;

-Diagonal: 90°

-Horizontal: 82°

-Vertical: 52°

**Total Room Coverage:** 262° wide x 192° tall (field of view + pan and tilt)

**Resolutions @ 30fps:** 4K Ultra HD, 1440p, 1080p, 900p, 720p, and SD

**Resolutions @ 60fps:** 1080p, 720p

**RightLight Technologies:** Wide Dynamic Range (WDR), low-light compensation, video noise reduction, low-light saturation optimization

**Privacy:** Lens parks at -90° in sleep mode for assured privacy

#### Dimensions;

-Height: 7.18in

-Width: 5.98in

-Depth: 5.98in

### Rally Mic Pod

**Pickup Range:** 7 m diameter

Four omnidirectional microphones forming eight acoustic beams

**AEC:** Acoustic Echo Cancellation

**VAD:** Voice Activity Detector

Background noise suppression

Mute button with LED status indicator

Captive 2.95 m 12-pin cable

Daisy chain up to 7 Rally Mic Pods

**Frequency Response:** 90Hz – 16kHz

**Sensitivity:** >-27 dB +/-1dB @ 1Pa

**Microphone data rate:** 48 kHz

#### Recommended # of participants:

-Rally (one Mic Pod): 16

-Rally Plus (two Mic Pods): 16



- Additional participants per Mic Pod: 6
- Recommended participants for Rally with 7 Mic Pods: 46

#### **Dimensions;**

- Height: 0.47in
- Width: 4.01in
- Depth: 4.01in

#### **Rally Speaker**

High-performance 76 mm driver with rare-earth magnet

Patent-pending suspension system eliminates vibration-induced camera shake and audio interference

Mini XLR cable connects to Rally Display Hub for both signal and power

**Speaker volume:** 95dB SPL @1W, 100dB SPL @7.5W, both +/-2dB at ½ meter

**Sensitivity:** 95+/-2 dB SPL at ½ meter

**Distortion:** 200Hz-300Hz <2.5%, 300Hz-10kHz < 1%@7.5W

**Sampling rate:** 48 kHz

#### **Dimensions;**

- Height: 4.05in
- Width: 17.67in
- Depth: 3.14in

#### **Rally Table Hub**

Single CAT6A cable connection to Rally Display Hub 5 m cable included, supports customer-supplied cables up to 50 m

Hub 5 m cable included, supports customer-supplied cables up to 50 m

Active speaker detection: analyzes audio from up to 7 Mic Pods and 56 beams every 8 ms

12 Pin connector for Rally Mic Pod

HDMI Type A passthrough to Display Hub (x2)

USB Type C

USB Type A (reserved for future capability)

USB Type B (connects to meeting room computer)

RJ45 (reserved for future capability)

Power input

#### **Dimensions;**

- Height: 1.57in
- Width: 6.92in
- Depth: 5.43in

## Rally Display Hub

**HDMI Type A:** (x2) (connects to displays)

USB C (connects to Rally Camera)

USB Type B (connects to meeting room computer)

**RJ45:** connects to Table Hub

**Mini XLR:** x2

Powers one or two Rally Speakers

Power input

### Dimensions;

-Height: 1.57in

-Width: 6.92in

-Depth: 5.43in

### Remote Control

RF remote control (line of sight not required)

CR2032 batteries (included)

### Power & Cables

**Camera to Display Hub:** 2 m USB 3.1 Type C to USB Type C 3.1

**Conference Room Computer to Display or Table Hub:** 2 m USB 3.1 Type A to USB Type B

**Display Hub to Table Hub:** 5 m CAT6A Ethernet cable (supports customer-supplied cables up to 50 m)

**Display Hub to Speaker (x2):** 2.95 m Mini XLR (supports customer-supplied extension cables up to 3 m)

**Conference Room Computer to Displays (x2):** 2 m HDMI A

**Mic Pod:** 2.95 m: Hardwired with 12 pin connector

**Power Outlets to Power Supplies (x2):** 1 m : 1 m

**Power Supplies to Table Hub / Display Hub (x2):**1.5 m

## Rightsense Technologies

### RightLight with WDR;

-Low-light compensation

-Video noise reduction

-Low-light saturation optimization

-Renders natural skin tones for each participant on camera

-Reduces backlighting and glare without darkening the entire image.

### RightSight;

-Human figure detection

-Auto-frame participants at meeting start

- Auto-frame participants on-demand
- Auto-reframe participants during meetings

### **RightSound;**

- Machine learning AI trained to distinguish human speech from other sounds
- AEC (Acoustic Echo Cancellation)
- VAD (Voice Activity Detector)
- Background noise suppression
- Auto-level loud and soft voices

### **RightSound Mic Matrix;**

- Very low distortion broadside beamforming algorithm steers the factory-paired microphones directly at the talker for the best voice pickup and noise reduction
- Supports up to 56 acoustic beams (8 per Rally Mic Pod) to lock onto the active talker
- Beam focus refresh rate: 8ms (125 times/second)

### **Anti-Vibration Suspension;**

- A patent-pending suspension system decouples the speaker module within the external enclosure, virtually eliminating the vibrations that can travel through walls, stands, and tables. This improves the echo canceling performance of Rally Mic Pods, while ensuring that video images remain clear and steady, even at high volume levels and when zoomed in.
- Peak-limiting algorithm eliminates even momentary speaker clipping to prevent distortion

### **Compatibility & Certifications**

Certified for Skype for Business and ready for Teams

Zoom Certified

Certified for Google Hangouts Meet Hardware

Microsoft Cortana® certified

Cisco Jabber and WebEx compatible

Compatible with BlueJeans, BroadSoft, Video, and other video conferencing, recording, and broadcasting

applications that support USB cameras

**USB Mode:** Plug-and-play USB connectivity with virtually any video conferencing application