

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



تعارف و مقدمات

تعارف و مقدمات کے لیے درخواست کنندہ کو درج ذیل بات چیت کی ضرورت ہے:

تعارف و مقدمات کے لیے درخواست کنندہ کو درج ذیل بات چیت کی ضرورت ہے:

Supply of Sound and Communication related items

PC-266/2025/G-06

تعارف و مقدمات کے لیے ضروری ہے:

(IUL)266-PR/266/2026/44

درخواست کی ضرورت ہے:

08 دسمبر 2026

درخواست کی ضرورت ہے:

1 صفحہ

تعارف و مقدمات کے لیے ضروری ہے:

08 دسمبر 2026

تعارف و مقدمات کے لیے درخواست کنندہ کو درج ذیل بات چیت کی ضرورت ہے:

تعارف و مقدمات کے لیے درخواست کنندہ کو درج ذیل بات چیت کی ضرورت ہے:

1. ސަލާސަތު

ބަނޑު ބޭނުން

| <p>ބަނޑު ބޭނުން ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު</p> | <p>ނަންބަރު</p> |
|--|-----------------|
| <p>ބަނޑު ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު: 2026 (އަދަދު) 8 ވަނަ ދުވަހު (އަދަދު) (IUL)266-PR/266/2026/44</p> | <p>1.1</p> |
| <p>ބަނޑު ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު: 2026 (އަދަދު) 8 ވަނަ ދުވަހު (އަދަދު) 5 ވަނަ ދުވަހު (އަދަދު) 10:30 އަދަދު: ބަނޑު ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު ފޯން ނަންބަރު: 6527177, 6527113 ނުވަތަ 6527192</p> | <p>8.1</p> |
| <p>ބަނޑު ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު: 2026 (އަދަދު) 2 ވަނަ ދުވަހު (އަދަދު) 10:30 އަދަދު: ބަނޑު ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު</p> | <p>9.2</p> |
| <p>ބަނޑު ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު: 2026 (އަދަދު) 2 ވަނަ ދުވަހު (އަދަދު) 10:30 އަދަދު: ބަނޑު ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު ފޯން ނަންބަރު: 6527177, 6527113 ނުވަތަ 6527192 bids@kulhudhuffushicity.gov.mv</p> | <p>9.2</p> |
| <p>2026 (އަދަދު) 13.1 ވަނަ ދުވަހު (އަދަދު)</p> | <p>13.1</p> |
| <p>ބަނޑު ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު: 2026 (އަދަދު) 6 ވަނަ ދުވަހު (އަދަދު) 10:30 އަދަދު: ބަނޑު ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު</p> | <p>17.1</p> |
| <p>ބަނޑު ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު: 2026 (އަދަދު) 6 ވަނަ ދުވަހު (އަދަދު) 10:30 އަދަދު: ބަނޑު ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު</p> | <p>19.1</p> |
| <p>2026 (އަދަދު) 22.1 ވަނަ ދުވަހު (އަދަދު) 4 ވަނަ ދުވަހު (އަދަދު)</p> | <p>22.1</p> |
| <p>2026 (އަދަދު) 30.1 ވަނަ ދުވަހު (އަދަދު) 500.00 (ލިޔެކިޔުން ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު)</p> | <p>30.1</p> |
| <p>2026 (އަދަދު) 32.1 ވަނަ ދުވަހު (އަދަދު) 2.5%</p> | <p>32.1</p> |

(A) 7.1 7.2 7.3 7.4 7.5 7.6 8.1 8.2 9.1 9.2 9.3 10.1 10.2

- 7.1 7.2 7.3 7.4 7.5 7.6 8.1 8.2 9.1 9.2 9.3 10.1 10.2

3 - 38

38.1-38.7

- 38.1 "38.1-38.7" 38.1-38.7
- 38.2 "38.2-38.7" 38.2-38.7
- 38.3 "38.3-38.7" 38.3-38.7
- 38.4 "38.4-38.7" 38.4-38.7
- 38.5 "38.5-38.7" 38.5-38.7
- 38.6 "38.6-38.7" 38.6-38.7
- 38.7 "38.7-38.7" 38.7-38.7

- 39.1 "39.1-39.1" 39.1-39.1

4 - ސަލާސަތު

ޖަދުވަލު 1

1 - ޖަދުވަލު

ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 1 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު

| ނަންބަރު | ފަންޓު | ފަސޭހަކުރުމުގެ ޖަދުވަލު | # |
|---|--------|---|-----|
| ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 1 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު | | | |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 2 (ޖަދުވަލު 2) | 1. |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 3 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 3 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 2. |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 4 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 4 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 3. |
| | | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 5 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 5 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 4. |
| | ✓ | 6.1 ވަނަ ޖަދުވަލު ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 6.1 ވަނަ ޖަދުވަލު ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު | 5. |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 7 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 7 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 5 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 6. |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 8 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 8 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 7. |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 9 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 9 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 8. |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 10 (90 ވަނަ ޖަދުވަލު ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 90 ވަނަ ޖަދުވަލު ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 9. |
| ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 1 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު | | | |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 11 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 11 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 10. |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 12 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 12 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 3 ވަނަ ޖަދުވަލު ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 11. |
| ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 1 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު | | | |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 13 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 13 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 12. |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 14 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 14 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 13. |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 15 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 15 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 14. |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 16 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 16 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 15. |
| ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 1 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު | | | |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 17 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 17 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 3 ވަނަ ޖަދުވަލު ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 16. |
| | ✓ | ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 18 (ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު 18 ގައި ބަނޑު ފަސޭހަކުރުމުގެ ޖަދުވަލު) | 17. |

ޖަދުވަލު 5
(ސަލާމަތީ ފޯމު)

Form of Bid Security (Bank Guarantee)

WHEREAS,[name of Bidder] (hereinafter called “the Bidder”) [company registration number] has submitted his Bid for the Project no.....issued by the Secretariat of Kulhudhuffushi City Council onfor construction of [name of Contract] (hereinafter called “the Bid”) under Invitation of bidders No. [Announcement Number]

KNOW ALL PEOPLE by these presents that We [name of Bank] of [name of country] having our registered office at (hereinafter called “the Bank”) are bound unto[name of Purchaser] (hereinafter called “the Purchaser”) in the sum of *..... for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents.

SEALED with the Common Seal of the said Bank thisday of20.....

THE CONDITIONS of this obligation are:

- (1) If, after Bid opening, the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid; or
(2) If the Bidder having been notified of the acceptance of his Bid by the Purchaser during the period of Bid validity:
(a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required; or
(b) fails or refuses to furnish the Performance Security, in accordance with the Instruction to Bidders; or
(c) does not accept the correction of the Bid Price pursuant to Clause 27,

* The Bidder should insert the amount of the Guarantee in words and figures denominated in Maldivian Rufiyaa. This figure should be the same as shown in Clause 28.1 of the Instructions to Bidders.

we undertake to pay to the Purchaser up to the above amount upon receipt of his first written demand, without the Purchaser’s having to substantiate his demand, provided that in his demand the Purchaser will note that the amount claimed by him is due to him owing to the occurrence of one or any of the three conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date days after the deadline for submission of bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Purchaser, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE..... SIGNATURE OF THE BANK

WITNESS SEAL

[signature, name, and address]

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| No. | Description | Qty | Rate | Total |
|-----|--|-----|-----------|-------|
| 1. | Podium microphone with BASE | 2 | | |
| 2. | Foldable Desktop Microphone Stand | 3 | | |
| 3. | Wireless Mic System | 2 | | |
| 4. | Portable Conference Camera Pillar (all in one) | 2 | | |
| 5. | Mic stand | 1 | | |
| 6. | Speaker Stand | 2 | | |
| 7. | Non-adhesive Laptop Stand | 15 | | |
| 8. | Portable SSD (2TB) – NVME | 4 | | |
| 9. | 2.0 Usb Pendrive 16GB | 4 | | |
| 10. | Portable Touch monitor | 4 | | |
| 11. | Camera Side bag 3L | 2 | | |
| 12. | Windows Tablet | 2 | | |
| 13. | Wireless Miracast Device | 5 | | |
| 14. | Camera Lens | 2 | | |
| 15. | Receiver and Transmitter | 1 | | |
| 16. | SSD Storage | 4 | | |
| 17. | PTZ Camera | 2 | | |
| 18. | Tripod | 2 | | |
| 19. | AI-Enabled PTZ Camera with Integrated Microphone (for medium meeting room) | 2 | | |
| 20. | Laptop | 11 | | |
| 21. | Mouse | 10 | | |
| 22. | Video Drone | 1 | | |
| | | | Sub Total | |
| | | | GST 8% | |
| | | | Net Total | |

2. Minimum requirements

Minimum requirements

Item 01: Podium microphone with BASE

Warranty: Minimum 6 months

Quantity: 02



| Specification | Description / Features |
|---|---|
| Gooseneck Microphone 18 inch With Base and Mute Switch | <p>Electret-condenser gooseneck microphone with integrated desktop base</p> <p>For use in installed sound reinforcement or conferencing</p> <p>Cardioid polar pattern with tailored response for speech while reducing the chance for feedback</p> <p>18" dual-section gooseneck enables ease of positioning and placement</p> <p>Attached preamplifier, Mute switch, Light-ring indicator</p> <p>Includes integrated 12' cable with XLR termination</p> <p>Plug-and-play connection minimizes setup time</p> <p>Equipped with Comm Shield Technology to filter out unwanted RF interference from portable wireless devices (smartphones, etc.)</p> |

Item 02: Foldable Desktop Microphone Stand

Quantity: 03



| Specification | Description / Features |
|--|--|
| Foldable Desktop Microphone Stand with Mic Holder | <p>Tabletop boom microphone stands with microphone holder</p> <p>The legs can be folded, lightweight and portable.</p> |

Item 03: Wireless Mic System

Warranty: Minimum 6 Months

Quantity: 02



| Specification | Description / Features |
|-----------------------------|---|
| Wireless Receiver | Power Requirements: 12–15 V DC supplied by external power supply Output Impedance: XLR connector: 200 Ω 6.35 mm (1/4”) connector: 50 Ω Audio Output Level: XLR connector: –27 dBV (into 100 kΩ load) 6.35 mm (1/4”) connector: –13 dBV (into 100 kΩ load) RF Sensitivity: -105 dBm for 12 dB SINAD, typical Image Rejection: >50 dB, typical |
| Bodypack Transmitter | Audio Input Level: gain max -16 dBV maximum min (0 dB): +10 dBV maximum Gain Adjustment Range: 26 dB Input Impedance: 1MΩ RF Transmitter Output: 10 mW Power Requirements: 2 LR6 AA batteries |
| Handheld Transmitter | Audio Input Level: gain 0dB -20 dBV maximum -10dB: -10 dBV maximum Gain Adjustment Range: 10 dB RF Transmitter Output: 10 mW |

Item 04: Portable Conference Camera (all in one)

Quantity: 02

Warranty: Minimum 06 months



| Specification | Description / Features |
|---------------|------------------------|
|---------------|------------------------|

**Portable
Conference
Camera Pillar
(all in one)**

Design: The device features a sleek, all-in-one design that is easy to use, manage, and portable, allowing for quick meeting setups.

Video: It provides 1080p HD video imaging with a 120° wide-angle viewing without distortion, ensuring everyone in the room is visible.

Audio: The All-in-One Pillar X12 includes an integrated speaker and four microphones to ensure clear audio pick-up and playback.

Functionality: It supports smart features like auto-framing and speaker focusing to enhance the conferencing experience.

Compatibility: The device is compatible with popular video conferencing software such as Zoom, Webex, Tencent Meeting, WeChat, and Ding Talk.

Connectivity: The camera component connects via USB 2.0.

Item 05: Mic Stand

Quantity: 01



| Specification | Description / Features |
|-----------------------|------------------------|
| Item Type | Boom Stand |
| Microphone Mount | No Mount Included |
| Mic Mount Thread Size | 5/8"-27 Male |
| Boom Arm Type | Telescoping |
| Maximum Height | 63" / 160 cm |
| Minimum Height | 36.2" / 91.9 cm |
| Base Type | Tripod |
| Color | Black |
| Item Type | Boom Stand |

Item 06: Speaker Stand

Quantity: 02



| Specification | Description / Features |
|--------------------------|------------------------------------|
| Type | Speaker Stand |
| Material of Construction | Steel |
| Height Adjustment Range | 31.2 to 60" / 79.2 to 152.4 cm |
| Mount Size | 1.375" / 34.9 mm 1.5" / 38.1 mm |
| Load Capacity | 60 lb / 274.2 kg |
| Weight | 4.5 lb / 2 kg |
| Type | Speaker Stand |
| Material of Construction | Steel |
| Height Adjustment Range | 31.2 to 60" / 79.2 to 152.4 cm |

Item 07: Non-adhesive Laptop Stand

Quantity: 15



| Specification | Description / Features |
|-------------------|--|
| Height Adjustment | 2" – 3" |
| Material | Vegan Leather, Fiberglass |
| Compatible Model | 11.6" – 16" |
| Weight | 3oz |
| Dimension | 7in x 9.8in x 0.11in / 180mm x 250mm x 3mm |

| | |
|--|--|
| | Interior 7.8+-2 x 3.5+-2 x 2.52+-2 inch Weight 0.45+-2 kg (Empty) |
|--|--|

Item 12: Windows Tablet 13" with Flex Keyboard

Quantity: 2

Warranty: Minimum 12 months



| Specification | Description / Features |
|--------------------|--|
| Processor | Snapdragon X Plus (10 Core), with LCD display |
| NPU | Qualcomm Hexagon with 45 TOPS |
| Graphics | Qualcomm Adreno GPU |
| Memory and storage | 16GB RAM Removable solid-state drive (Gen 4 SSD): 256GB |
| Display | Touchscreen: 13" PixelSense Flow display20 Resolution: 2880 x 1920 (267 PPI) Aspect ratio: 3:2 Contrast ratio: 1200:1 Dynamic refresh rate: up to 120Hz Color profile: sRGB and Vivid Individually color-calibrated display Adaptive color Adaptive contrast Auto color management Touch: 10-point multi-touch Dolby Vision IQ™21 Corning® Gorilla® Glass 5 Brightness: SDR: 600 nits maximum (typical) HDRvi: 600 nits peak luminance |
| Size and weight | Length: 11.3 inches (287 mm) Width: 8.2 inches (209 mm) Height: 0.37 inches |
| Security | Enhanced security with Microsoft Pluton TPM 2.0 Windows 11 Secured-core PC Windows Hello face authentication with Enhanced Sign-in security Microsoft Defender – for enhanced identity and privacy protection* |
| Cameras | Quad HD front-facing camera 1440p Quad HD camera with ultrawide field of view 10MP Ultra HD rear-facing camera Windows Hello face authentication camera |

| | |
|--------------------------|---|
| Audio | Dual Studio Mics with enhanced voice focus 2W stereo speakers with Dolby Atmos Support for Bluetooth LE Audio |
| Ports and charging | 2 X USB-C® / USB4 ports with support for: Charging Data transfer DisplayPort 1.4a Thunderbolt 4 Dock and other accessories Supports fast charging Keyboard port |
| Network and connectivity | Wi-Fi 7 Bluetooth® Core 5.4 technology |
| Operating System | Windows 11 |
| Exterior | Color: Sapphire / Black |
| Kickstand | Kickstand with 165 degrees full friction hinge |
| Sensors | Ambient color sensor Accelerometer Gyroscope Magnetometer |
| Color | Ocean |
| Flex Keyboard | <p>Size and Weight Length: 11.38 – 13 inch Width: 8.71 - 10 inch Height: 0.21 - 1 inch Weight: 0.75 - 2 lbs</p> <p>Battery</p> <ul style="list-style-type: none"> - Up to 41 hours of continuous typing while detached^{Footnote2} - Rechargeable Lithium-ion polymer battery <p>Keys</p> <ul style="list-style-type: none"> - Activation: Moving (mechanical) keys - Layout: English, full row of function keys (F1 - F12) - Dedicated keys for Copilot^{Footnote5}, microphone mute, snipping, Windows shortcuts, media controls, screen brightness - Right click button - Optional bold keyset - Precision haptic touchpad - Backlight <p>Interface: Magnetic</p> <p>Sensors: Accelerometer</p> <p>Exterior Footnote : Material: Alcantara Colors: Match with tablet</p> <p>Battery capacities Minimum: 495mAh (Min. Energy: 1.862Wh) Typical: 513mAh (Typ. Energy: 1.929Wh)</p> <p>Connectivity:</p> |

| |
|---|
| BluetoothFootnote® Low Energy Connectivity Range: Up to 32.8 feet (10m) of connectivity in open air or up to 16.4 (5m) feet in a typical office environmentFootnote8 |
|---|

Item 13: Wireless Miracast Device

Quantity: 5

Warranty: Minimum 03 months



| Specification | Description / Features |
|---|--|
| Operating system | Windows 10 and higher macOS 11 and higher Android v11 and higher iOS 14 and higher |
| System requirements | For smooth experience with Microsoft Teams or Zoom Minimum: Intel i3 dual-core processor or AMD Ryzen 7 / 8GB RAM / OS: Windows 10 latest build or Mac OS Mojave latest build Recommended: Intel i5 4-core processor or AMD Ryzen 9 / 8GB RAM / OS: Windows 11 latest build or Mac OS latest build |
| Video outputs | 4K UHD (3840*2160) 30Hz. HDMI™ 1.4b or USB-C DisplayPort 1.2 (only Gen2) |
| Audio output | USB, HDMI |
| USB | 1 X USB-A, 1 X USB-C |
| Buttons | 2 |
| App | Desktop & Mobile |
| Native protocols | Airplay, Google Cast, Miracast |
| Maximum sources simultaneously on screen | 2 |
| Noise Level | Max. 25dBA @ 0-30°C Max. 30dBA @ 30-40°C |
| Authentication protocol | WPA2-PSK in standalone mode WPA2-PSK or IEEE 802.1X using the Button in network integration mode |
| Wireless transmission protocol | IEEE 802.11 a/g/n/ac and IEEE 802.15.1 |
| Reach | Max. 30m (100 ft) between Button and Base Unit Frequency band 2.4 GHz and 5 GHz (DFS) |
| Frequency band | 1x Ethernet LAN 1Gbit 1x USB-C 2.0 (front); 1x USB-A 2.0 (front) -only Gen2: 1x USB-C 3.0 (front); 1x USB-A 3.0 (front) |
| Connections | 1x Ethernet LAN 1Gbit 1x USB-C 2.0 (front); 1x USB-A 2.0 (front) -only Gen2: 1x USB-C 3.0 (front); 1x USB-A 3.0 (front) |
| Temperature range | Operating: 0°C to +40°C (+32°F to +104°F) Max: 35°C (95°F) at 3000m Storage: -20°C to +60°C (-4°F to +140°F) |

| | |
|---|---|
| Humidity | Storage: 0 to 90% relative humidity, non-condensing Operation: 0 to 85% relative humidity, non-condensing |
| Anti-theft system | Kensington lock |
| Certifications | FCC/CE |
| Touch screen support & Interactivity | Yes |
| Wireless conferencing | via App or Button |
| Local view | Yes |
| Network connection | LAN & WiFi |

Item 14: Camera Lens

Quantity: 02

Warranty: Minimum 06 months



| Specification | Description / Features |
|--|---|
| Camera Lens | Focal Length 35 to 150mm |
| Model: Tamron 35-150mm f/2-2.8 Di III VXD | Aperture Maximum: f/2 to 2.8 Minimum: f/16 to 22 Lens Mount Sony E Lens Format Coverage Full-Frame Angle of View 63° 26' to 16° 25' Minimum Focus Distance 13" / 33 cm Magnification 1:5.55 Macro Reproduction Ratio 0.18x Magnification Optical Design 21 Elements in 15 Groups Aperture/Iris Blades 9, Rounded Focus Type Autofocus Image Stabilization No Filter Size 82 mm (Front) Dimensions ø: 3.5 x L: 6.2" / ø: 89.2 x L: 158 mm Weight 2.6 lb / 1165 g |

Item 15: Receiver and Transmitter

Quantity: 01

Warranty: Minimum 06 months



| Specification | Description / Features |
|---------------|------------------------|
|---------------|------------------------|

| | |
|--|--|
| Receiver and Transmitter Model: DJI SDR | Antenna I/O No Video I/O 1x HDMI Input 1x BNC (Unspecified SDI) Input Embedded Audio HDMI/SDI/USB/Wireless Audio I/O 1x 1/8" / 3.5 mm Headphone Output Power I/O 1x USB-C (9 VDC / 2 A) Input Other I/O 1x USB-C (Firmware) Input Wireless Range 1.9 Miles / 3 km (Line-of-Sight) 656.2' / 200 m (Without Quality Loss) Channel Bandwidth 20 MHz Frequency Range Non-DFS Frequencies 2.4 to 2.4835 GHz 5.725 to 5.85 GHz DFS Frequencies 5.47 to 5.725 GHz Latency 35 ms RF Power 30 dBm Wi-Fi Wi-Fi 6 (802.11ax); Tri-Band (2.4 & 5 + 5 GHz) with MU-MIMO Support (2 x 2) Bluetooth No Mobile App Compatible Yes: Android & iOS Cellular Support No Video Format HDMI/SDI/USB 1080p: 60/59.94/50/30/29.97/25/24/23.98 1080i: 60/59.94/50 720p: 60/59.94/50 Audio Format PCM Audio Wireless Video Compression Compressed Timecode Support No |
|--|--|

Item 16: SSD Storage

Quantity: 04

Warranty: Minimum 06 months



| Specification | Description / Features |
|--|---|
| Storage Model: Crucial P310 x 4 | Drive Type PCIe 4.0 / M.2 2280 SSD Storage Capacity 4TB Read Speed Sequential: 7100 MB/s Random: 1,000,000 IOPS Write Speed Sequential: 6000 MB/s Random: 1,000,000 IOPS Encryption Support No Mean Time Between Failures (MTBF) 1.5 million Hours Endurance (Total Bytes Written) 800 TB Heatsink Included No |

Item 17: PTZ Camera

Quantity: 02

Warranty: Minimum 1 Year Hardware Warranty



| Specification | Description / Features |
|-----------------------------|---|
| Image Sensor | 1/2.8"-Type |
| Effective Sensor Resolution | 2.07 Megapixel (1920 x 1080) |
| Max Optical Zoom | 30x |
| Max Video Output | via RJ45 / USB / HDMI Up to 1080p at 25/30.00/50/60.00 fps |
| Max Recording Modes | No |
| Broadcast Output | NTSC/PAL |
| IP Streaming | NDI HX2/NDI HX3/RTMP/RTSP 1920 x 1080 at 60p |
| Wireless | Wi-Fi 5 (802.11ac) *Built-In |
| PoE Support | Yes: PoE 802.3af |
| Mounting | 1x 1/4"-20 Female |

Item 18: Tripod

Quantity: 02

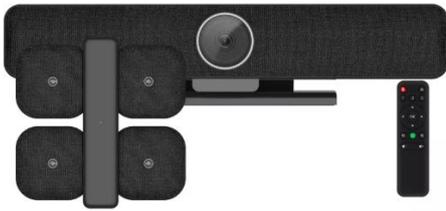
Warranty: Minimum 1 Year Hardware Warranty



| Specification | Description / Features |
|------------------------|--|
| Camera Mounting | 1/4"-20 Screw (Quick Release Plate: Arca-Type) |
| Head Type | Ball Head |
| Drag Control | No |
| Primary Material | Carbon Fiber |
| Load Capacity | 17.6 lb / 8 kg |
| Maximum Working Height | 55.5" / 141 cm |
| Minimum Working Height | 17.7" / 45 cm |
| Closed Length | 15.7" / 40 cm |
| Weight | 2.36 lb / 1.07 kg |

Item 19: AI-Enabled PTZ Camera with Integrated Microphone (for medium meeting room)

Quantity: 2



| Specification | Description / Features |
|-----------------------|---|
| Brand | Infinity, Logitech, Cisco, Huawei or an equivalent brand |
| Speaker | Built-In Hi-Fi Speaker |
| Microphone Array | Built-In 4 Microphone Array |
| Extension Microphone | 4x Wireless Extension Microphone |
| Pickup Distance | Voice Pickup Range Up to 8 Meters |
| Cable Length: | 1.5M |
| Actual Maximum Output | 2W |
| Cycle Number Range: | 20Hz - 20kHz |
| Resistance Value: | 4 Ohms |
| Signal to Loss Ratio: | 70dB |
| Battery Capacity: | Built-In 3000mAh Battery |
| Supported Systems: | Windows 10/8/7, macOS 10.10 or above / Chrome OSTM / Android TM v5.0 or above |
| Warranty: | 12 Months |
| Package Contents | 1 x Video Bar 1 x Camera Remote Control 1 x Adapter 1 x USB Cable (5 Meters) 4 x Wireless Microphone 1 x Charging pile 1 x Quick Installation Guide |

Item 20: Laptop

Quantity: 11

Warranty: Minimum 1 Year Hardware Warranty

| Specification | Description / Features |
|------------------|---|
| Brand | Dell, HP, ACER or an equivalent brand |
| Released year | 2025 and after |
| Screen size | 15.6" – 16" |
| Processor | Intel® Core™ Ultra 7 (series 2) or Intel® Core™ i7, 14th Gen |
| Operating System | Windows 11 Pro, English, Genuine 1 year |
| Graphics | Integrated Graphics |
| RAM | 16GB, DDR5, 3200MHz |
| Hard drive | 512 GB, M.2, PCIe NVMe, SSD |
| Keyboard | Backlit Keyboard with Numeric Keyboard, English US |
| Ports | 2 x USB-A ports 1 x USB-C 1 x Headset jack 1 x HDMI 1.4 port |
| Accessories | 1 x Charger |

Item 21: Mouse

Quantity: 10

| | |
|-----------------------|---|
| Still Support | 100 MP (DNG / JPEG) |
| Zoom / Focus | 2.5x Digital / Min Focus: 6.6' (2 m) |
| ISO / Shutter | Video: 100–12,800; Photo: 100–6400 / 1/16000 to 16s |
| Sensor | 48 MP, 1/1.3"-Type CMOS |
| Lens | 70mm-equivalent, f/2.8 (35° FoV) |
| Max Resolution | UHD 4K @ 120 fps |
| Still Support | 48 MP (DNG / JPEG) |
| Zoom / Focus | 6x Optical / Min Focus: 9.8' (3 m) |
| ISO / Shutter | Video: 100–12,800; Photo: 100–6400 / 1/16000 to 8s |
| Sensor | 50 MP, 1/1.5"-Type CMOS |
| Lens | 168mm-equivalent, f/2.8 (15° FoV) |
| Max Resolution | UHD 4K @ 100 fps |
| Still Support | 50 MP (DNG / JPEG) |
| Zoom / Focus | 24x Optical / Min Focus: 9.8' (3 m) |
| ISO / Shutter | Video: 100–12,800; Photo: 100–6400 / 1/16000 to 8s |
| Stabilization | 3-Axis (Pitch, Roll, Yaw) + Vertical |
| Type | Omnidirectional with Infrared/LiDAR Enhancement |

Item 23: Parallel Charging Hub for Drone Battery

Quantity: 1

Warranty: Minimum 1 Year Hardware Warranty



| Specification | Description / Features |
|-------------------------------|--------------------------------------|
| Number of Battery Bays | 3 |
| Charging Modes | Simultaneous |
| Power Source | AC Power (Cable Not Included) |
| | 1x USB-C Input |
| | • 5 to 20 VDC at 5 A |
| | 1x USB-C Output |
| Power I/O | • 10 to 17.2 VDC at 12 A (100 W) |

Item 24: Drone Battery

Quantity: 3

Warranty: Minimum 1 Year Hardware Warranty



| Specification | Description / Features |
|-------------------------------|--|
| Battery Chemistry | Lithium Nickel Manganese Cobalt Oxide (LiNiMnCoO2) |
| Battery Capacity | 6654 mAh / 95.3 Wh |
| Battery Configuration | 4 S / 14.32 V |
| Current Output | Not Specified by Manufacturer |
| Maximum Flight Time | 51 Minutes |
| Maximum Charging Power | 17.2 V |

Item 25: Drone Remote

Quantity: 1

Warranty: Minimum 1 Year Hardware Warranty



| Specification | Description / Features |
|-------------------------------|---|
| Display | |
| Panel Type | LCD |
| Size | 7.02" |
| Native Resolution | 1920 x 1200 |
| Touchscreen | Yes |
| Maximum Brightness | 2000 nits / cd/m2 |
| Touch Screen | 10-Point Multi-Touch |
| Frame Rate | 60 FPS |
| Inputs/Outputs | |
| Video I/O | 1x HDMI Output (Video Only) |
| Media/Memory Card Slot | Single Slot: microSD/microSDHC/microSDXC (UHS-I) [64 GB Maximum / U3/V30 or Faster Recommended] |



| Specification | Description / Features |
|------------------------|--|
| Compatibility | Sony L Series/NP-F |
| Number of Battery Bays | 4 |
| Charging Modes | Simultaneous |
| Power Source | USB Power (Cable Included) |
| Power I/O | 1x USB-C Female Input • 20 VDC at 3.25 A 1x USB-A Female Output • 5 to 20 VDC at 1.6 A (65 W) |
| Indicator | No |
| Features | Quick Charge |
| Dimensions | 4.7 x 1.9 x 1.5" / 12 x 4.9 x 3.9 cm |
| Weight | 4.9 oz / 139 g |