

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



ՄԱՐՈՒԹՅԱՆ ԿԱՐԳԻՆ ԿԱՆԱԿՆԵՐՈՒԹՅԱՆ ԳՐԱԿԱՆՈՒՄ

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Սա Կառավարության որոշում է Կուլհուդհուֆուշի քաղաքի մարտնչության կարգի և կանակների կառավարման գրականության մասին:

1. ԿԱՐԳԻՆ ԿԱՆԱԿՆԵՐՈՒԹՅԱՆ ԳՐԱԿԱՆՈՒՄԻ ԿԱՐԳԵՐ

1.1. Կարգի կանակները ձևավորվում են քաղաքի քաղաքացիների կողմից և կանակների կառավարման գրականության կողմից:

1.2. Կանակները կառավարվում են Կուլհուդհուֆուշի քաղաքի մարտնչության կարգի կանակների կառավարման գրականության կողմից:

1.3. Կանակները կառավարվում են Կուլհուդհուֆուշի քաղաքի մարտնչության կարգի կանակների կառավարման գրականության կողմից:

1.4. Կանակները կառավարվում են Կուլհուդհուֆուշի քաղաքի մարտնչության կարգի կանակների կառավարման գրականության կողմից:

1.5. Կանակները կառավարվում են Կուլհուդհուֆուշի քաղաքի մարտնչության կարգի կանակների կառավարման գրականության կողմից:



Item #1: Camcorder

Quantity: 3

Minimum requirements

Image Sensing Device	
Sensor	1"-Type CMOS Sensor
Pixels	Effective: 14.2 Megapixel
Lens	
Magnification	X12
Focal length	9.3 to 111.6mm (35mm Equivalent Focal Length: 29 to 348mm)
Image stabilizer	Optical in Integrated Lens
ND filter	Mechanical Filter Wheel with 2 Stop (1/4), 4 Stop (1/16), 6 Stop (1/64) ND Filters
Minimum Aperture	f/2.8 to 4.5
Focus Control	Autofocus Manual Focus
LCD Panel	3.5"
Recording media	SD Cards (2 slots)
Terminals	
Video	1 x HDMI Output 1 x BNC (Composite) Output 1 x BNC (3G-SDI) Output
Audio	1 x HDMI Output 1 x BNC (Composite) Output 1 x BNC (3G-SDI) Output
Power	1 x Barrel Input
Other	1 x Micro-USB 1 x Micro-USB Control 1 x 2.5 mm Sub-Mini (LANC) Control
Wireless	2.4 / 5 GHz Wi-Fi 5 (802.11ac) NFC
Accessories	6 x SD Memory card 128GB, 160MBps (2 for each camcorder) 3 x Spare battery pack (1 per camcorder) 3 x UV filter (1 per camcorder) 3 x Camcorder bag (1 per camcorder)
Warranty	Minimum 1 Year



Item #2: Video Input/Output Card**Quantity: 1****Minimum Requirements**

General	
Host Connection	PCIe x4 (PCIe 2.0)
Video Input Connectors	4 x BNC (12G-SDI) Female
Video Input Format	SDI (8/10/12-Bit 4:4:4/4:2:2 RGB, YUV) 1080p at 23.98/24/25/29.97/30/50/59.94/60 fps 1080PsF 23.98/24/25/29.97/30 fps 1080i 50/59.94/60 fps 720p 50/59.94/60 fps PAL 50 fps NTSC 60 fps
Audio Input Format	Analog: 48 kHz / 24-Bit
Video Standart Compliance	SMPTE 259M/292M/296M/372M/425M ITU -R BT.601/BT.656
Other I/O	1 x BNC Blackburst, Reference, Tri-Level Sync Input
OS Compatibility	Windows 8.1.10 or Later macOS 10.14.15 or Later Linux
Dimensions	3.7" / 9.4 cm

Item #3: PCIe Card Expansion System**Quantity: 1****Minimum Requirements**

General	
Expansion Slots	1 x PCIe 3.0 x8 (x4 mode)
Supported PCI Card Sizes	Full-Height, Half-Length, Single-Width
Maximum GPU Length	7.75" / 19.68 cm
Inputs/Outputs	2 x USB-C (Thunderbolt 3)
Data Transfer Rates	Thunderbolt 3: 40 Gb/s
Power Source	60 W External Adapter
OS Compatibility	Windows macOS
Host Cable Length	1.64' / 0.5 m
Dimensions	5.6 x 8.6 x 3.5" / 14.2 x 21.8 x 8.9 cm

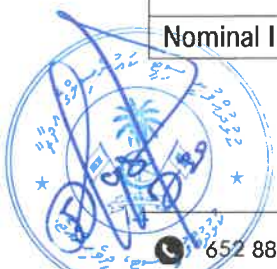


Item #4: Video Cable**Quantity:** 300m**Minimum Requirements**

General	
Outer Diameter	Nominal: 0.27" / 7 mm Inner Conductor: 0.04" / 1.02 mm Insulation: 0.18" / 4.57 mm
Conductor	Inner Conductor Composition: 1/1.02A (18) Quantity/mm (AWG) Outer Conductor Shield Coverage and Composition (91% or More): 0.14TA mm, 6 Ends, 24 Carriers
Resistance	Inner Conductor: ≤23.3 Ohms/km Outer Conductor: ≤9.9 Ohms/km
Maximum Transmission Distance	Composite NTSC: 1807.74' / 551 m @ 143 Mb/s (SMPTE 259M) Composite PAL: 1653.54' / 504 m @ 177 Mb/s (ITU-R BT.601) Component (4:2:2): 1361.55' / 415 m @ 270 Mb/s (SMPTE 259M) Component (4:2:2) 16 x 9: 1184.38' / 361 m @ 360 Mb/s (SMPTE 259M) SDI: 961.28' / 293 m @ 540 Mb/s (SMPTE 344M) HD-SDI: 377.29' / 115 m @ 1.5 Gb/s (SMPTE 292M) HD 1080p: 259.18' / 79 m @ 3 Gb/s (SMPTE 424M)
Length	984.25' / 300 m
Weight	41 lb / 18.6 kg

Item #5: Microphone Cable**Quantity:** 300m**Minimum Requirements**

General	
Outer Diameter	0.2" / 6 mm, nominal
PVC Jacket Thickness	0.04" / 1.1 mm, nominal
Number of Conductors	4 (2 blue and 2 white)
Insulation	Type: IPE Thickness: 0.6" / 15.7 mm Dielectric Strength: 500 VAC/minute Insulation Resistance: 1,000 MOhms per 3' / 0.9 m
Conductor	AWG (AC): 24 (40/3.15 quantity/mm) Cross Sectional Area: 310 mm ² AWG (Quad): 21
Nominal Impedence	44 Ohms



Maximum Transmission Distance	Composite NTSC: 1807.74' / 551 m @ 143 Mb/s (SMPTE 259M) Composite PAL: 1653.54' / 504 m @ 177 Mb/s (ITU-R BT.601) Component (4:2:2): 1361.55' / 415 m @ 270 Mb/s (SMPTE 259M) Component (4:2:2) 16 x 9: 1184.38' / 361 m @ 360 Mb/s (SMPTE 259M) SDI: 961.28' / 293 m @ 540 Mb/s (SMPTE 344M) HD-SDI: 377.29' / 115 m @ 1.5 Gb/s (SMPTE 292M) HD 1080p: 259.18' / 79 m @ 3 Gb/s (SMPTE 424M)
Length	1000' / 305m
Weight	35 lb / 16 kg

Item #6: Cable Crimper

Quantity: 1

Minimum Requirements

General	
Compatibility	Compatible with RG58/59/62AU and BNC/TNC cables
Connection	BNC/TNC and 3-piece
Range	Crimp Range: 0.256", 0.213", 0.068" Hex

Item #7: Cable Connector

Quantity: 50

Minimum Requirements

General	
Connector 1	BNC Male
Connector 2	Rear Twist
Crimp Size	Pin: 1.6mm, Square Sheild: 7.36mm, Hex

Item #8: Male XLR Connector

Quantity: 20

Minimum Requirements

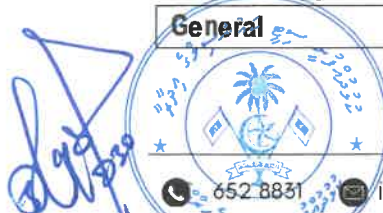
General	
Type	Male
Shell	Nickel-plated
Contacts	Silver cage-type

Item #9: Female XLR Connector

Quantity: 20

Minimum Requirements

General	
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Type	Female
Shell	Nickel-plated
Contacts	Silver cage-type

Item #10: Phone Plugs

Quantity: 10

Minimum Requirements

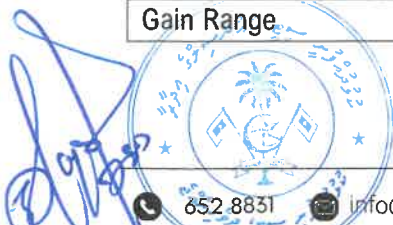
System	
Size	¼"
Shell Colour	Black
	Audio Line out / Audio In (Jack)

Item #11: Handheld Microphone System

Quantity: 1

Minimum Requirements

System	
Wireless Technology	Analog UHF
Number of RF Channel Frequencies	1680
Included Transmitters	1 x Bodypack with Microphone
RF Frequency Band	G: 566 to 608 MHz
RF Bandwidth	42 MHz
Operating Range	330' / 100.6 m (Line of Sight)
Maximum Transmitters per Band	12
Microphone Type	Handheld Capsule
Sound Field	Mono
Polar Pattern	Cardiod
Receiver	
Receiver Type	Camera Mount (Shoe Mount)
Antenna	1 x Flexible Whip
Number of Audio Channels	1
Audio I/O	1 x 1/8" / 3.5 mm TRS Female Unbalanced Output (Lockable)
Gain Range	42 dB (6 dB Steps)
Battery Type	2 x AA (Included)
Display & Indicators	1 x Backlit LCD (Battery Status, Output Level, RF Level)
Housing	Metal
Transmitter	
Transmitter Type	Handheld
RF Output Power	30mW
Frequency Response	80 Hz to 18 kHz (Mic) 80 Hz to 18 kHz (Line)
Antenna	1 x Internal
Gain Range	42 dB (6 dB Steps)



Battery Type	2 x AA (Included)
Display & Indicators	1 x Backlit LCD (Battery Status, Output Level, RF Level)
Housing	Metal
Warranty	Minimum 1 Year

Item #12: USB Audio Interface

Quantity: 1

Minimum Requirements

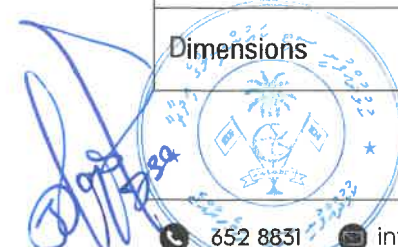
System	
Channels of I/O	Analog: 2 Inputs / 2 Outputs at 192 kHz
Number of Microphone Preamps	2 preamps
Connectivity	
Analog Audio I/O	2 x Combo XLR-1/4" TRS Balanced/Unbalanced Mic/Line/Hi-Z Input (Front Panel) 2 x 1/4" TRS Balanced Monitor Output 1 x 1/4" TRS Unbalanced Headphone Output (Front Panel)
Phantom Power	48 V, Selectable On/Off (Applied to All Inputs)
Host Connection	USB-C
OS Compatibility	macOS 10.12 or Later macOS 11 Windows 7 or Later iPadOS
Included Plugins	Dynamics: Focusrite Red 3 Drawmer S73 Equalization: Focusrite Red 2 Virtual Instruments: XLN Audio Reverb & Room: Softube TSAR-1R Reverb Delay: Softube Tube Delay Harmonic & Tape: Softube Saturation Knob

Item #13: Cable Reel

Quantity: 05

Minimum Requirements

General	
Material	Thermo-plastic with Steel frame
Dimensions	Center Hub Diameter: 4.75" / 12.1 cm Center Hub Depth: 5" / 12.7 cm



	Outer Hub Diameter: 10.75" / 27.3 cm Overall Reel Height: 15" / 38.1 cm Feed-Through Hole Diameter: 0.47" / 1.2 cm Overall: 15 x 12 x 10" / 38.1 x 30.5 x 25.4 cm
Weight	13lb / 5.9kg

Item #14: Headphone

Quantity: 1

Minimum Requirements

System	
Earpiece Design	Over-Ear (Circumaural), Closed-Back
Earpiece Swivel	1680
Driver Type	1 x Bodypack with Microphone
RF Frequency Band	Dynamic
Wired Connectivity	
Audio Connector to Source	1 x 1/8" / 3.5 mm TRS Male Straight
Audio Connector to earpiece	1 x 2.5 mm TRS Male
Cable Length	9.8' / 3 m 3.9 to 9.8' / 1.2 to 3 m

Item #15: BiDirectional SDI/HDMI Converter (with power supply)

Quantity: 03

Minimum Requirements

Input	
Video Input Connectors	1 x BNC (3G-SDI / HD-SDI / SD-SDI) 1 x HDMI (HDMI 2.0)
Input Video Format	SDI (8/10-Bit 4:2:2 RGB, YUV) DCI 2K at 23.98/24/25/29.97/30/47.95/48/50/59.94/60 fps DCI 2KPsF 25/29.97/30 fps 1080p 23.98/24/25/29.97/30/47.95/48/50/59.94/60 fps 1080PsF 25/29.97/30 fps 1080i 50/59.94/60 fps 720p 50/59.94/60 fps NTSC 59.94 fps PAL 50 fps HDMI (8/10-Bit 4:2:2 RGB, YUV) 1080p at 23.98/24/25/29.97/30/47.95/48/50/59.94/60 fps 1080i 50/59.94/60 fps 720p 50/59.94/60 fps NTSC 29.97 fps PAL 25 fps
Embedded Audio Input	HDMI SDI



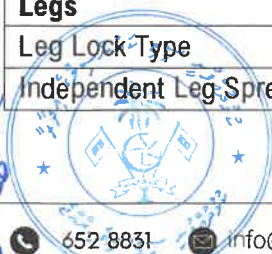
Output	
Video Output Connectors	1 x BNC (3G-SDI / HD-SDI / SD-SDI) 1 x HDMI (HDMI 2.0)
Video Output Format	SDI (8/10-Bit 4:2:2 RGB, YUV) DCI 2K at 23.98/24/25/29.97/30/47.95/48/50/59.94/60 fps DCI 2KPsF 25/29.97/30 fps 1080p 23.98/24/25/29.97/30/47.95/48/50/59.94/60 fps 1080PsF 25/29.97/30 fps 1080i 50/59.94/60 fps 720p 50/59.94/60 fps NTSC 29.97 fps PAL (768 x 576) 25 fps
Embedded Audio Output	HDMI SDI
Connectivity & Compatibility	
Video Standard Compliance	SMPTE 259M/292M/296M/424M/425M-A/425M-B
Other I/O	1 x USB Type-C Input
OS Compatibility	macOS 10.14.15 or Later Windows 10
Power Connector	1 x USB Type-C (4.4 to 5.2 VDC) Input

Item #16: Tripod system with fluid head

Quantity: 3

Minimum requirements

General	
Load Capacity	17 lb / 7.71 kg
Maximum Working Height	64.25" / 163.19 cm (with Spreader)
Minimum Working Height	29" / 73.66 cm (with Spreader)
Folded Length	32.6" / 82.8 cm
Material	Aluminum
Head	
Base Mount	75 mm Half Ball
Counter Balance System	Fixed
Pan Handle Fittings	2 x Rosette
Pan Handle Length	15 to 23" / 38.1 to 58.42 cm
Accessory Mounting	2 x 1/4"-20 Female Thread
Drag Type	Fluid
Vertical Tilt	+70° to -80°
Panning Range	360°
Independent Pan Lock	Yes
Independent Tilt Lock	Yes
Legs	
Leg Lock Type	Lever Lock
Independent Leg Spread	Yes



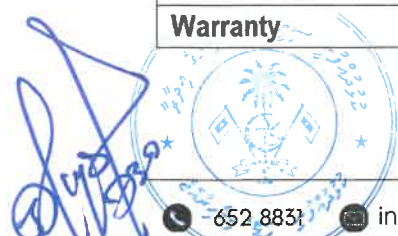
Leg Sections	3
Feet Features	Dual Spiked
Spreader	Mid-Level (Integrated)

Item #17: DSLR Camera with FE 24-70 F2.8 GM Lens

Quantity: 1

Minimum requirements

General	
Lens Mount	Sony E
Sensor Type	35.9 x 23.9 mm (Full-Frame) CMOS
Sensor Resolution	Actual: 34.1 Megapixel Effective: 33 Megapixel
Shutter Speed	1/8000 to 30 Seconds
ISO Sensitivity	Photo 100 to 51,200 (Extended: 50 to 204,800) Video 100 to 51,200 (Extended: 100 to 102,400)
Image Stabilization	Sensor-Shift, 5-Axis
Continuous Shooting	Up to 10 fps at 33 MP for up to 828 Frames (Raw) / Unlimited Frames (JPEG)
Battery	1 x NP-FZ100 Rechargeable Lithium-Ion, 7.2 VDC, 2280 mAh (Approx. 520 Shots)
Interface	
Memory Card Slot	Slot 1: CFexpress Type A / SD (UHS-II) Slot 2: SD/SDHC/SDXC (UHS-II)
Video I/O	1 x HDMI Output
Audio I/O	1 x 1/8" / 3.5 mm TRS Stereo Headphone Output 1 x 1/8" / 3.5 mm TRS Stereo Microphone Input
Power I/O	1 x USB-C Input/Output
Other I/O	1 x Sony Multi/Micro-USB Input/Output (Shared with Remote Input) 1 x USB-C (USB 3.2 / 3.1 Gen 2) Input/Output (Shared with Power Input)
Wireless	Bluetooth, Wi-Fi
Monitor	
Size & Resolution	3.0", 1,036,800 Dot
Display Type	Free-Angle Tilting Touchscreen LCD
Viewfinder	
Type	Built-In Electronic (OLED)
Size & Resolution	3,680,000 Dot
Coverage	100%
Focus	
Focus Type	Auto and Manual Focus
Focus Mode	Continuous-Servo AF, Direct Manual Focus, Manual Focus, Single-Servo AF
Warranty	Minimum 1 Year



FE 24-70mm F/2.8 GM Lens	
Focal Length	24 to 70mm
Maximum Aperture	f/2.8
Minimum Aperture	f/22
Lens Mount	Sony E
Diaphragm Blades	9, Rounded
Filter Size	82 mm (Front)
Dimensions	3.4 x 5.4" / 87.6 x 136 mm
Weight	1.9 lb / 886 g

Item #18: Camera Lens mount adapter

Quantity: 1

Minimum requirements

Key Features	EF/EF-S Lens to EOS R Camera
	Maintains AF and Image Stabilization
	Dust- and Water-Resistant
	Includes Drop-In Circular Polarizer A

Item #19: Camera Lens mount adapter

Quantity: 1

Minimum requirements

Key Features	Sigma EF Mount Lenses to Sony E
	Maintains AF and Image Stabilization
	Dust- and Water-Resistant
	Includes Drop-In Circular Polarizer A

Item #20: Wireless Multi-Camera Tally Light System

Quantity: 1 Tally Box with 4 Tally Lamps

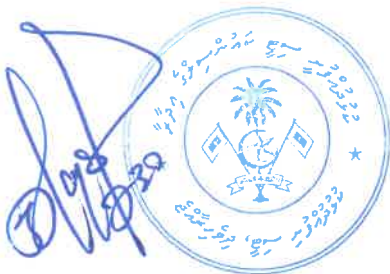
Minimum requirements

General	
USB I/O	5 x USB-C Female Input
Control I/O	1 x DB-9, RS-232 Input (Tally Box)
	1 x Barrel, RS-485 Input (Tally Box)
	1 x GPIO Input (Tally Box)
	1 x 1-Pin, Antenna Input
	1 x Barrel, RS-485 Input (Per Tally Lamp)
	1 x Barrel, Tally Output (Per Tally Lamp)
Wireless	Yes
Battery	1 x 18650 Lithium-Ion



Item #21: Laptop**Quantity: 2****Minimum requirements**

Processor	Intel Core i7-11800H (11th Gen) 2.3 to 4.6 GHz 8-Core
RAM	32GB DDR4 3200 MHz (User replaceable)
GPU	NVIDIA GeForce RTX 3080 (155 W TGP) with 16 GB GDDR6 VRAM
Operating System	Windows 11 Professional (64-Bit Genuine)
Display size	17.3"
Storage	1 TB SSD NVMe
Input/Output	3 x USB Type-A (USB 3.1 / USB 3.2 Gen 1)
	1 x Type-C USB 3.1 / USB 3.2 Gen 1
	1 x Type-C Thunderbolt 4 (Supports DisplayPort and 100 W Power Delivery)
	1 x HDMI 2.1 Output / 1 x Mini DisplayPort 1.4
	1 x 1/8" / 3.5 mm Headphone/Microphone Input/Output
	2 x 2 W and Subwoofer
	Built-In Microphones
Communications	1 x RJ45 Gigabit Ethernet port
	Wi-Fi 6 with Dual-Band (2.4 & 5Ghz) and MU-MIMO 2 x 2 support
	Bluetooth version 5.1 or above
	Webcam (User-facing 720p)
Battery	80Wh, 6.6hours battery life
Keyboard	Notebook Keyboard with Backlight, Number Pad
Pointing device	TouchPad
Accessories	Bluetooth Mouse <ul style="list-style-type: none"> - Precision scrolling wheel - Bluetooth Low Energy and 2.4 GHz wireless connection - DPI (Min/Max): 1000± - Battery: 18 months - Wireless range: 10 m
Warranty	Minimum 1 Year



Item #22: Wireless Video Transmitter & Receiver

Quantity: 1

Minimum requirements

Input/Output	Video	Receiver: 1 x HDMI Type A Output
		Receiver: 1 x HDMI Type A Output
	Embedded Audio	HDMI
Wireless	Wireless Range	1200' / 365.8 m (Line-of-Sight)
	Latency	≤ 60 ms
	Wi-Fi	Yes
Display	Size	1.3"
Power	Battery Type	Transmitter/Receiver: 1 x L-Series
	Power Consumption	Transmitter: 4.5 W (Typical) Receiver: 5.5 W (Typical)
General	Features	Support Android and IOS
	Packaging Info	1 x Transmitter
		1 x Receiver
		1 x Charger
		4 x Battery 4000mAh
	Antennas for all antenna ports.	
Warranty	Minimum 1 Year	

Item #23: Smart phone

Quantity: 1

Minimum requirements

Build	Glass front (Gorilla Glass victus+), glass back Gorilla Glass victus+), aluminium frame
Display	Type: Dynamic AMOLED 2X, 120Hz, HDR10+, 1750 nits (peak) Size: 6.8 inches Resolution: 1440 x 3088 pixels
Platform	OS: Android 12, one UI 4.1 CPU: Octa-core (1x2.8 GHz Cortex-X2 & 3x2.50 GHz Cortex-A710 & 4x1.8 GHz Cortex-A510)
Memory	Internal: 512GB RAM: 12GB
Camera	Main camera (Quad) Wide: 108MP, f/1.8, 23mm, laser AF Periscope telephoto: 10MP, f/4.9. 230mm Telephoto: 10MP, f/2.4, 70mm Selfie: 40MP, f/2.2
Water resistance	IP68 dust/water resistant (up to 1.5m for 30 mins)
Operating System	Android
Warranty	Minimum 1 Year



Item #24: Drone

Quantity: 1

Minimum requirements

Aircraft	Dimensions Folded (without propellers)	221×96.3×90.3 mm (Length ×Width ×Height)
	Dimensions Unfolded (without propellers)	347.5×283×107.7 mm (Length ×Width × Height)
	Max Service Ceiling Above Sea Level	6000 m
	Max Flight Time (no wind)	46 minutes
	Max Hovering Time (no wind)	40 minutes
	Internal Storage	8 GB
Hasselblad Camera	Sensor	4/3 CMOS, Effective pixels: 20 MP
	Lens	FOV: 84° Format Equivalent: 24 mm Aperture: f/2.8 to f/11 Focus: 1 m to ∞ (with autofocus)
	ISO Range	Video: 100-6400 Still Image: 100-6400
Tele Camera	Sensor	1/2-inch CMOS
	Shutter Speed	Electronic Shutter: 2-1/8000 s
	Lens	FOV: 15° Format Equivalent: 162mm Aperture: f/4.4 Focus: 3 m to ∞
	ISO Range	Video: 100-6400 Still Image: 100-6400
Sensing	Sensing System	Omnidirectional binocular vision system, supplemented with an infrared sensor at the bottom of the aircraft
Battery	Capacity	5000 mAh
	Voltage	17.6V
	Battery Type	LiPo 4S
Battery charger	Input	100-240 V AC, 47-63 Hz, 2.0 A
	USB-C Output	USB-C: 5.0 V=5.0 A/9.0 V=5.0 A/12.0 V=5.0 A/15.0 V=4.3 A/20.0 V=3.25 A/5.0~20.0 V=3.25 A
	USB-A output	USB-A: 5 V=2 A
	Rated power	65 W
Charging Hub	Input	USB-C: 5-20 V=5.0 A max
	Output	Battery: 12-17.6 V=5.0 A max
	Rated Power	65 W
	Charging Type	Charges three batteries in sequence.



Remote Controller	Battery Life	Without charging any mobile device: 6 hr
	Battery Life	when charging mobile device: 4 hr
	Supported USB Port Types	lightning
	Supported USB Port Types	Micro USB
Package	1 x Drone with Hasselblad Camera and Tele Camera	USB-C
	1 x Remote Controller	
	1 x Charging Hub	
	3 x Battery	
	1 x Charger	
	1 x Carrying bag	
1 x ND Filters set		
Warranty	Minimum 1 Year	

Item #25: Camera Lens 18-35mm

Quantity: 1

Minimum requirements

Name	Sigma 18-35mm f/1.8 DC HSM Art
Focal Length	18 to 35mm (35mm Equivalent Focal Length: 28.8 to 56mm)
Maximum Aperture	f/1.8
Minimum Aperture	f/16
Lens Mount	Canon EF
Lens format coverage	APS-C
Angle of view	76.5° to 44.2°
Minimum focus distance	11.02" / 28 cm
Optical design	17 Elements in 12 Groups
Diaphragm blades	9, Rounded
Focus type	Autofocus
Filter size	72 mm (Front)

Item #26: Camera Lens EF 50mm

Quantity: 1

Minimum requirements

Name	Canon EF 50mm f/1.8 STM Lens
Focal Length	50mm
Maximum Aperture	f/1.8
Minimum Aperture	f/22
Lens Mount	Canon EF
Lens format coverage	Full frame
Angle of view	46°
Minimum focus distance	13.78"/35cm
Optical design	6 elements in 5 groups
Diaphragm blades	7, rounded

Focus type	Auto focus
Filter size	49 mm

Item #27: Camera Lens 70-200mm

Quantity: 1

Minimum requirements

Name	Sigma 70-200mm f/2.8 DG OS HSM Sports Lens for Canon EF
Focal Length	70 to 200mm
Maximum Aperture	f/2.8
Minimum Aperture	f/22
Lens Mount	Canon EF
Lens format coverage	Full frame
Angle of view	34.3° to 12.3°
Minimum focus distance	3.94' / 1.2 m
Optical design	24 Elements in 22 Groups
Diaphragm blades	7, rounded
Tripod collar	Fixed and rotating
Focus type	Auto focus
Image stabilization	Yes
Filter size	82 mm

Item #28: Walkie-Talkie system (6-piece pack)

Quantity: 1

Minimum requirements

General	Power	2W/0.5W
	Color	Black
	Channel Capacity	16
	Battery Capacity	20 Hours of Battery Life Per Charge
	Range	1km
Transmitter	Output Power	2W/1W
Package	Walkie-talkie	6
	Battery	6
	Belt Clip	6
	USB charging cable	6
	User manual	1
	6 walkie-talkie charging dock	1

Item #29: Microphone shotgun with dead cat

Quantity: 3

Minimum requirements

Features	For Cameras and Portable Recorders
	70-Hr Run Time via 9V Battery
Package content	1 x Microphone



	1 x Dead cat
	1 x Boom pole
	1 x TRS Extension

Item #30: Wireless Audio pack

Quantity: 3

Minimum requirements

Operating Time	Up to 7 hours
Analog inputs	3.5mm TRS (lavalier microphone input)
Analog Outputs	3.5mm TRS
Transmission Range	200m (line of sight)
Computer connectivity	USB Type-C
Features	On-board recording – over 40 hours of internal memory
	Manageable by RØDE Central App
Compatible devices	Computer
	Smartphone
	Cameras
Package content	1 x Receiver with dual channel support
	2 x Transmitter
	1 x Furry
	1 x Carry Pouch
	1 x 3.5mm TRS to 3.5mm TRS cable
	3 x USB Type-C to USB-A Cable

Item #31: Clip mic

Quantity: 4

Minimum requirements

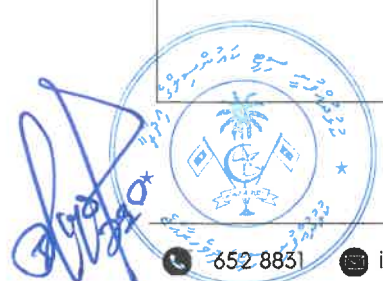
Acoustic Principle	Permanently Polarised Condenser
Polar Pattern	Omnidirectional
Frequency Range	20Hz - 20kHz
Power Requirements	Powered from plug-in power TRS socket (2.7V)
Output Connection	3.5mm TRS plug
Package content	1 x Microphone
	1 x Clip
	1 x Pop shield
	1 x Pouch

Item #32: Powered USB Hub

Quantity: 2

Minimum requirements

Power	Power Source	AC Adapter
	Maximum Power Consumption	48 W
	AC Input Power	100 to 240 VAC, 50 / 60 Hz at 1.5 A



	DC Input Power	12 VDC at 4 A
Features	Connection to computer	USB Type-C and USB Type-A
	IO Ports	USB 3.0 Type-A x6

Item #33: Camera Backpack

Quantity: 1

Minimum requirements

Type	Backpack
Features	Adjustable Dividers Laptop Compartment Rain Cover
Material	Nylon, Polyester

Item #34: Mini HDMI to HDMI

Quantity: 2

Length: 3m

Item #35: XLR to 3.5mm Converter

Quantity: 2

Item #36: Gimbal Stabilizer combo with Hard Case

Quantity: 01

Minimum Requirements

General	
Grip Design	Single Hand Grip
Load Capacity	9.9 lb / 4.5 kg
Number of Axes	3-Axis (Pitch (Tilt), Roll, Yaw (Pan))
Rotation Range	Controllable Range Yaw (Pan): 360° Unlimited Pitch (Tilt): 326° (-112 to 214°) Roll: 335° (-95 to 240°)
Follow Speed	Pan: 360°/s Tilt: 360°/s Roll: 360°/s
Camera Mounting Screw	1 x 1/4"-20 Male
Inputs/Outputs	3 x USB-C (Control) Output 1 x USB-C (Power)
Wireless Protocol	Bluetooth 5.0
Battery Capacity	1950 mAh / 30 Wh
Battery Runtime	12 Hours
Battery Chemistry	Lithium-Ion Polymer (LiPo)
Display	Fixed Touchscreen OLED
Material	Carbon Fiber
Mounting	1 x 1/4"-20 Female 1 x Cold Shoe Mount

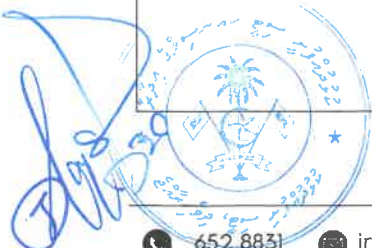
Weight	3.3 lb / 1497 g
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Item #37: Flash Light with Lightstand, Reflective Umbrella and Flash Trigger

Quantity: 1

Minimum requirements

Flash Head	
Maximum Power	400 Ws
Recycle Time	0.3 to 1.2 Seconds
Color Temperature	5600K
Accessory Fitting	S Type
Color	Black
Modelling Light	
Type	Tungsten
Wattage	150W
Sync	
Sync Type	Optical, Radio
Built-in Wireless Receiver	Yes
Wireless Frequency Bands	2.4GHz
Light Stand	
Load Capacity	9.98KGs
Maximum Height	114"
Minimum Height	48"
Material	Aluminium
Weight	1 – 3KG
Air Cushioned	Yes
Colour	Black
Light Mounting Bracket	Yes
Umbrella Mounting Bracket	Yes
Reflective Umbrella	
Interior Colour	White
Exterior Colour	Black
Rods Material	Fiberglass
Number of Ribs	16
Diameter	7 Feet
Shape	Parabolic
Flash Trigger for Canon Camera	
Channels	32
Groups	16
Wireless Range	100M
Radio Frequency	2.4GHz
Control Modes	E-TTL, E-TTL II, Manual, TTL
Sync Speed	1/8000 Sec
Battery Type	2 x AA
Package Contents	
	1 x Flash Light
	1 x Light Stand
	1 x Reflective Umbrella
	1 x Light Mounting Bracket



	1 x Umbrella Mounting Bracket
	1 x Modelling Lamp
	1 x Power Cable
	1 x Flash Trigger

Item #38: Flash Head

Quantity: 1

Minimum requirements

Flash Head	
Guide Number	196.9' / 60 m at ISO 100 (200 mm Position)
Coverage	20 to 200 mm
Auto Zoom Head	Yes
Flash Duration	1/300 to 1/20000 Second
Recycle Time	Approx. 1.5 Seconds
Exposure Control	ADI / P-TTL, Manual
Flash Compensation	-1/1 to +1/4 EV
Wireless Channels	32
Internal Power	1 x Rechargeable
Off-Camera Terminal	2.5 mm

Item #39: Flash Head

Quantity: 1

Minimum requirements

Flash Head	
Guide Number	196.9' / 60 m at ISO 100 (200 mm Position)
Coverage	20 to 200 mm
Auto Zoom Head	Yes
Flash Duration	1/300 to 1/20000 Second
Recycle Time	Approx. 1.5 Seconds
Exposure Control	E-TTL / E-TTL II, Manual
Flash Compensation	-1/1 to +1/4 EV
Wireless Channels	32
Internal Power	1 x Rechargeable
Off-Camera Terminal	2.5 mm

دعوتی پروژہ کے ذریعہ فراہم کیے جانے والے سامان کی فہرست کے تحت فراہم کیا جائے گا۔

تاریخ	مقام	مقررہ ذمہ داریوں کے تحت	#
23-11-2022		مقررہ ذمہ داریوں کے تحت فراہم کیا جائے گا۔	01
23-11-2022		مقررہ ذمہ داریوں کے تحت فراہم کیا جائے گا۔	02

