ROVER

Home Series

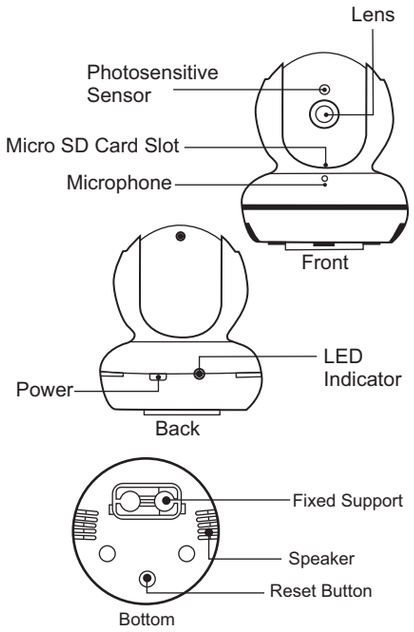
Product Guide

NOTES:
Before supplying power to the camera, please read this User Guide in detail.

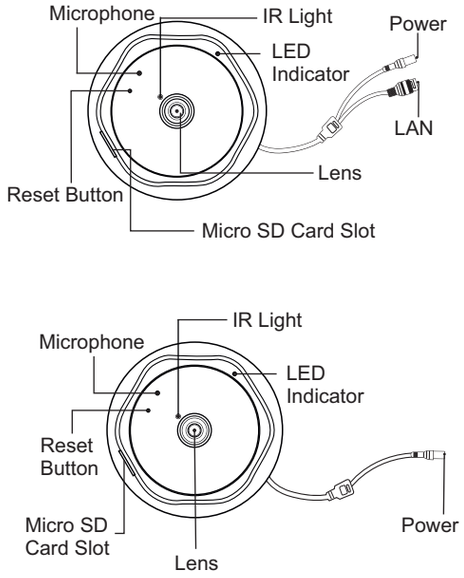
Do not attempt to disassemble the camera. If the camera is not working, please contact your local supplier

INTERFACE

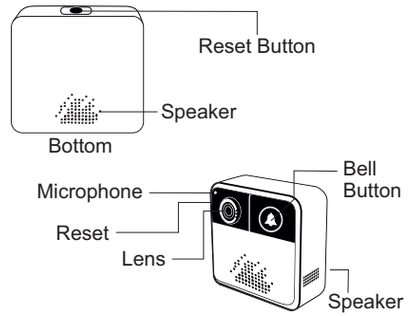
RHOB2D2XB/RHOC2D2XB
RHOC2D2XBLT/RHOA2D2XB



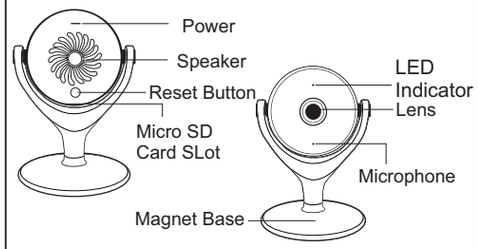
RHUC5A2XDL/RHUF5A2XDL
RHUC5A2XD/RHUF5A2XD



RHDA2E1XEIN



RHMC2E1XF/RHMC2A1XF



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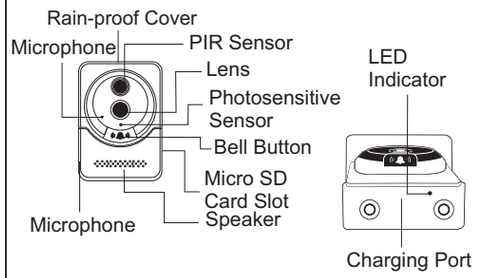
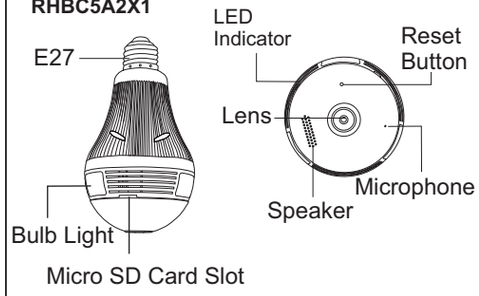
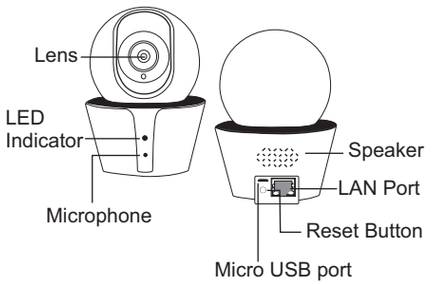


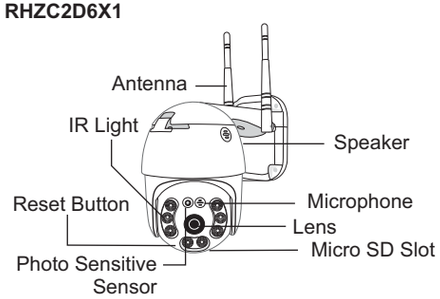
RHBC5A2X1



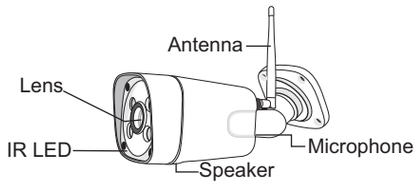
RHOC2D2XB2



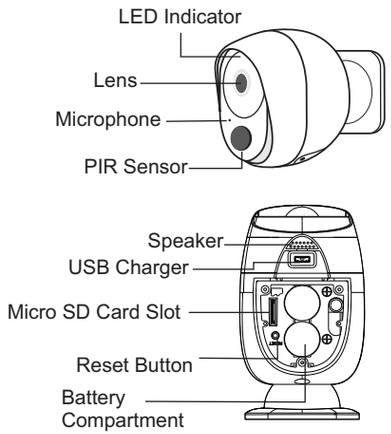
RHZC2D6X1



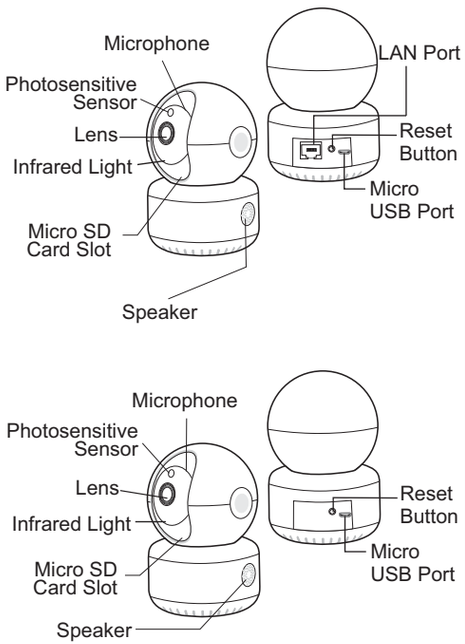
RHVC2D3X1D



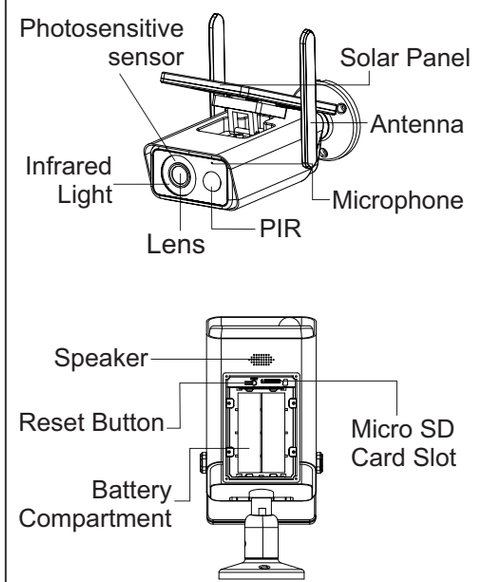
RHTC2F2X1/RHTC2F2S1



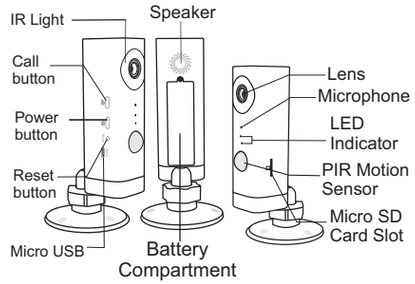
RHOC2D2S1/RHOA2D2S1



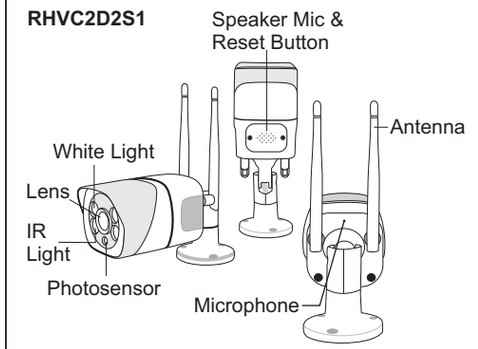
RHSC2D2X1/RHSC2D2S1



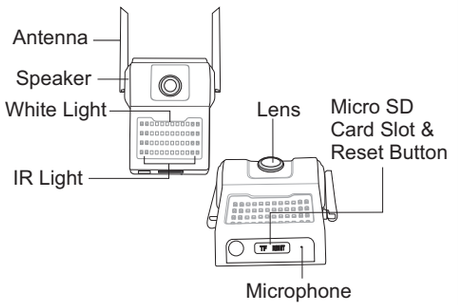
RHAA2D1S1/RHAC2D2S1



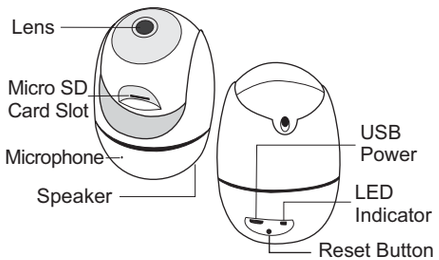
RHVC2D2S1



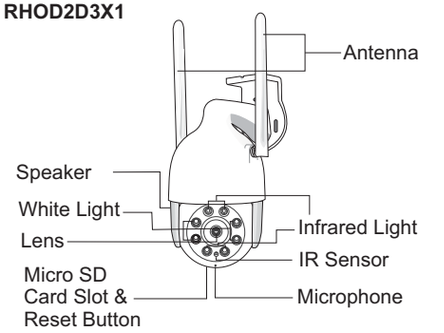
RHWC2D2S1



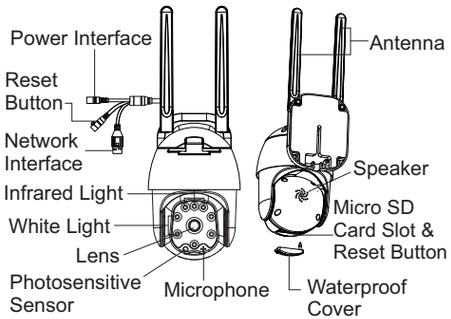
RHOC2D2XB3



RHOD2D3X1



RHPD2D3X2



TECHNICAL PARAMETERS

Model	RHOB2D2XB	RHOC2D2XB
Image Sensor	1/3"	1/2.7"
Minimum Illumination	Color: 0.1Lux @ (F1.2, AGC ON), 0 Lux with IR B/W: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR	
Lens	3.6mm @F2.3	
Angle of View	140° Panoramic	
Day & Night	IR Cut filter with auto switch	
Video Compression	H.264+ High Profile	
Video Bit Rate	32Kbps~6Mbps	
Audio Compression	G.711a	
Max. Resolution	1280*960	1920*1080
FPS	960p @ 6fps	1080p @ 6fps
Network	Support Wireless Network Connection	
Temperature Humidity	-10°C~60°C, Humidity lessthan 90% (non-condensing)	
Power Supply	5V Micro USB	
Consumption	< 3W Max	
Dimension	8cm*9cm	
Weight	About 176g	

Model	RHOC2D2XBLT	RHOA2D2XB
Image Sensor	1/2.7"	1/4"
Minimum Illumination	Color: 0.1Lux @ (F1.2, AGC ON), 0 Lux with IR B/W: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR	
Lens	3.6mm @F2.1	3.6mm @F2.0
Angle of View	70°	120°
Day & Night	IR Cut filter with auto switch	
Video Compression	H.264+ High Profile	H.265+ High Profile
Video Bit Rate	32Kbps~6Mbps	0.1Mbps~6Mbps
Audio Compression	G.711a	
Max. Resolution	1280*1080	1920*720
FPS	1080p @ 6fps	720p @ 6fps
Network	Support Wireless Network Connection	
Temperature Humidity	-10°C~60°C, Humidity less than 90% (non-condensing)	-10°C~45°C, Humidity less than 90% (condensing)
Power Supply	5V Micro USB	
Consumption	3.5W Max	
Dimension	8cm*9cm	
Weight	About 176g	

Model	RHUC5A2XD	RHUF5A2XD
Image Sensor	1/2.7"	1/2.5"
Minimum Illumination	Color: 0.1Lux @ (F1.2, AGC ON), 0 Lux with IR B/W: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR	
Lens	1.12mm @F2.3	1.1mm @F2.2
Angle of View	140° Panoramic	
Day & Night	IR Cut filter with auto switch	
Video Compression	H.264+ High Profile	
Video Bit Rate	32Kbps~6Mbps	
Audio Compression	G.711a	
Max. Resolution	1280*1080	5M (2560*1920)
FPS	1080p @ 10fps	2560*1920 @ 6fps
Network	Support Wireless Network Connection	
Temperature Humidity	-10°C~60°C, Humidity less than 90% (non-condensing)	
Power Supply	5V Micro USB	
Consumption	< 3W Max	
Dimension	110mm*110mm*45mm	
Weight	About 300g	

Model	RHUC5A2XDL	RHUF5A2XDL
Image Sensor	1/2.7"	1/2.5"
Minimum Illumination	Color: 0.1Lux @ (F1.2, AGC ON), 0 Lux with IR B/W: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR	
Lens	1.12mm@F2.3	1.4mm@F2.0
Angle of View	360° Panoramic	
Day & Night	IR Cut filter with auto switch	
Video Compression	H.264+ High Profile	
Video Bit Rate	0.1Mbps~8Mbps	
Audio Compression	G.711a	
Max. Resolution	1920*1080	5M (2560*1920)
FPS	1080p @ 10fps	2560*1920 @ 6fps
Network	Support Wired/Wireless Network Connection	
Temperature Humidity	-10°C~60°C, Humidity less than 90% (non-condensing)	
Power Supply	5V Micro USB	
Consumption	< 3W Max	
Dimension	110mm*110mm*45mm	
Weight	About 300g	

Model	RHMC2A1XF	RHMC2E1XF
Image Sensor	1/4" CMOS Sensor	1/2.7" CMOS Sensor
Minimum Illumination	Color: 0.1Lux @ (F1.2, AGC ON), 0 Lux with IR B/W: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR	
Lens	1.12mm @F2.3	3.24mm @F2.1
Angle of View	360° Panoramic View	140°
Day & Night	IR Cut filter with auto switch	
Video Compression	H.264+ High Profile	
Video Bit Rate	0.1Mbps~8Mbps	32Kbps~8Mbps
Audio Compression	G.711a	
Max. Resolution	1920*1080	
FPS	1080p @ 6fps	
Network	Support Wireless Network Connection	
Temperature Humidity	-10°C~60°C, Humidity less than 90% (non-condensing)	
Power Supply	5V Micro USB	
Consumption	3W Max	
Dimension	42mm*42mm*125mm	
Weight	310g	

Model	RHOC2D2XB2	RHZC2D3S1
Image Sensor	1/2.7" CMOS	
Minimum Illumination	Color: 0.1Lux @ (F1.2, AGC ON), 0 Lux with IR B/W: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.4Lux B/W: 0.01Lux
Lens	3.6mm @F2.0	3.6mm
Angle of View	120°	
Day & Night	IR Cut filter with auto switch	
Video Compression	H.265+ Video Compression	
Video Bit Rate	0.1Mbps~8Mbps	
Audio Compression	G.711a	G.726/G.711
Max. Resolution	2MP (1920x1080@12fps)	
FPS	960p @ 6fps	1080p @ 6fps
Network	WIFI / AP Mode / LAN	
Temperature Humidity	-10°C~50°C, Humidity less than 90% (non-condensing)	-10°C~60°C, 10%-90% RH
Power Supply	5V Micro USB	DC 12V/2A
Consumption	5W Max	
Dimension	114mm*83mm	160mm*107mm*107mm
Weight	260g	500g

Model	RHVC2D3X1D	RHVC2D2S1
Image Sensor	1/2.7" CMOS	-
Minimum Illumination	Color: 0.1Lux @ (F1.2, AGC ON), 0 Lux with IR B/W: 0.001Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.1Lux@ F1.2 B/W: 0.01Lux@F1.2
Lens	3.6mm @F2.0	-
Angle of View	120°	120°
Day & Night	IR Cut filter with auto switch	Support IR-CUT
Video Compression	H.264+ High Profile	H.265+
FPS	-	12fps
Video Bit Rate	0.1Mbps~8Mbps	
Audio Compression	G.711a	G.711
Max. Resolution	2MP (1920x1080 @12fps)	Main stream: 1920x1080; sub-stream: 640x360
Network	WIFI / AP Mode / LAN	
Temperature Humidity	-10°C~60°C, Humidity less than 90% (non-condensing)	-
Power Supply	DC 12V	12V 1A
Consumption	5W Max	-
Dimension	182mm*66mm	80mm*137.8mm
Weight	360g	150g

Model	RHOA2D2S1	RHOC2D2S1
Image Sensor	1/4" CMOS,720P	1/2.7" CMOS,1080P
Minimum Illumination	B/W 0.01Lux@F1.2, Color 0.1Lux@F1.2	
Lens	3.6mm@F1.4	
Angle of View	Horizontal 87°, Diagonal 93°	Horizontal 87°, Diagonal 104°
Video Compression	H.265+ / H.264+ / H.264	
Max. Resolution	(1280x720) @6fps	(1920x1080) @12fps
Network	WIFI / AP Mode / LAN	
Temperature Humidity	-10°C~60°C, Humidity less than 90% (non-condensing)	
Power Supply	DC 5V1.6A	
Consumption	3W Max	
Dimension	74x74x115 mm	
Weight	Net Weight: 160g, Gross Weight: 320g	

Model	RHAA2D2S1	RHAC2D2S1
Image Sensor	1/4" CMOS Sensor	1/2.7" CMOS Sensor
Minimum Illumination	Color: 2.1Lux @ F1.2 B/W: 0.04Lux @ F1.2	
Lens	3.6mm	
Angle of View	-	-
Day & Night	Support IR-Cut	
Video Compression	H.264+	
Video Bit Rate	0.1Mbps~6Mbps	
Audio Compression	G.711a	
Max. Resolution	1280x720	1920x1080
FPS	6 fps	
Network	WIFI / AP Mode	
Temperature Humidity	-	-
Power Supply	DC5V, 18650 Battery	
Consumption	-	-
Dimension	42mm*42mm*125mm	
Weight	310g	

Model	RHTCF2X1	RHTC2F2S1
Image Sensor	1/2.7" CMOS	
Minimum Illumination	Color: 0.6Lux B/W: 0.08Lux	Color: 0.1Lux B/W: 0.01Lux
Lens	3.6mm	2.8mm
Angle of View	100°	120°
Day & Night	IR Cut filter with auto switch	
Video Compression	H.264	H.265+
Video Bit Rate	0.1Mbps~1Mbps	0.1Mbps~8Mbps
Max. Resolution	1080P@6fps	
Network	WIFI / AP Mode	
Temperature Humidity	-10°C~50°C, Humidity less than 90% (non-condensing)	
Power Supply	5V micro USB interface	
Dimension	94mm*86mm	
Weight	224g	

Model	RHSC1D2X1	RHSC2D2S1
Image Sensor	1/2.7" CMOS Sensor	
Minimum Illumination	Color: 0.6Lux, B/W: 0.08Lux	
Lens	3.6mm @F2.0	
Angle of View	100°	
Day & Night	IR Cut filter with auto switch	
Video Compression	H.264	
Video Bit Rate	0.1Mbps	
Audio Compression	G.711a	
Max. Resolution	(1080P @12fps)	
Network	WIFI / AP Mode	
Temperature Humidity	-10°C~50°C, Humidity less than 90% (non-condensing)	
Power Supply	2x Standard 18650 battery	
Dimension	210mm*90mm*65mm	
Weight	650g	

Model	RHDC5A1XEOT	RHDA2E1XEIN
Image Sensor	1/2.7"	1/4"
Minimum Illumination	Color: 0.1Lux @ (F1.2, AGC ON), 0 Lux with IR B/W: 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR	
Shutter Time	1/60s to 1/10,00 s	
Lens	1.24mm @F2.0	3.2mm @F2.0
Angle of View	180° Panoramic View	140°
Video Compression	H.264+ High Profile	
Audio Compression	G.711a	
Max. Resolution	1280*1080	
FPS	1080p @ 6fps	720p @ 6fps
Network	Support Wireless Network Connection	
Storage	Up to 32GB Micro SD Card	
Temperature Humidity	-10°C~50°C, Humidity less than 90% (non-condensing)	
Battery	4000mAh Lithium battery	
Battery Life	Stand by: 9 months; Press 10x a day: 3 months	Stand by: 9 months; Press 10x a day: 3 months
Power Consumption	<0.2mW Max.	200mA
Dimension	68mm*96mm*34mm (Doorbell Body) 103mm*72mm*46mm (Rain-proof cover)	50mm*60mm*25mm
Weight	About 176g	

Model	RHWC2D2S1
Image Sensor	-
Minimum Illumination	Color: 0.1Lux @ F1.2 B/W: 0.01Lux @ F1.2
Lens	3.6mm
Angle of View	-
Day & Night	Support IR-Cut
Video Compression	H.265+
Video Bit Rate	0.1Mbps~8Mbps
Audio Compression	G.711
Max. Resolution	1920x1080
FPS	12fps
Network	WIFI / LAN
Power Supply	12VDC 1A

Model	RHOC2D2XB3	RHOD2D3X1
Image Sensor	1/3"	1/2.8"
Minimum Illumination	Color:0.1Lux @(F1.2, AGC ON); 0 Lux with IR B/W: 0.01 Lux @ (F1.2, AGC ON),0 Lux with IR	Color：0.01Lux @(F1.2, AGC ON); 0 Lux with IR B/W: 0.001 Lux @ (F1.2, AGC ON),0 Lux with IR
Shutter Time	1/50(1/60)s to 1/10,000 s	
Lens	3.6mm @F2.0	4.3mm @F1.6
Angle of View	Horizontal 355° Vertical up 100° Vertical down 10°	-
Day & Night	IR cut filter with auto switch	
Video Compression	H.265	H.265+
Video Bit Rate	0.1Mbps~8Mbps	
Audio Compression	G.711a	
Max. Resolution	1920*1080	2048*1536
FPS	1080P @ 6fps	3MP @ 6fps
Network	WIFI / AP Mode	
Temperature Humidity	-10℃~50℃, Humidity less than 90% (non-condensing)	-10℃~60℃, Humidity less than 90% (non-condensing)
Power Supply	DC 5V	DC12V±10%
Power Consumption	5W Max	6W Max
Dimension	105mm*80mm	140mm*152mm*304mm
Weight	187g	590g

Model	RHPD2D3X2
Image Sensor	1/2.8"
Minimum Illumination	Color：0.01Lux @(F1.2, AGC ON); 0 Lux with IR B/W: 0.001 Lux @ (F1.2, AGC ON),0 Lux with IR
Shutter Time	1/50(1/60)s to 1/10,000 s
Lens	4.3mm @F1.6
Day & Night	IR cut filter with auto switch
Video Compression	H.264+/H.265X High Profile
Video Bit Rate	0.1Mbps~8Mbps
Audio Compression	G.711a
Max. Resolution	2048*1536
FPS	3MP @ 6fps
Network	LAN / WIFI / AP Mode
Temperature Humidity	-10℃~60℃, Humidity less than 90% (non-condensing)
Power Supply	DC12V±10%
Power Consumption	6W Max
Dimension	112mm*170mm*300mm
Weight	490g