

# REVO ULTRA 2K (4 MP) HD Wide Angle Fixed Bullet Network Camera with 2-way Audio

RUCS42-2



## Key Features



- High quality image with 4MP, 1/2.9"CMOS sensor
- 4MP (3840\*1080)@25fps
- The double lens splicing technology delivers a horizontal viewing angle of  $160.00^{\circ} \pm 10^{\circ}$
- Ultra H.265, H.265, H.264, MJPEG
- Support Human Body Detection
- Alarm:1 in/1 out
- Audio: 1 in/1 out
- Built-in speaker and dual mics
- Support 256 GB micro SD card
- 12V DC/PoE power supply

## Specifications

RUCS42-2					
Camera					
Sensor	1/2.9", 4.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Color: 0.0005Lux (F1.0, AGC ON)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 90°	Rotate: 0° ~ 360°		
WDR	DWDR				
S/N	>56dB				
Lens					
Lens	2 * 4.0mm@F1.0				
Angle of View (H)	160.00°±10°				
Angle of View (V)	43.22°				
Angle of View (O)	180.13°±10°				
DORI					
DORI Distance	Lens (mm)	Detect ( m )	Observe ( m )	Recognize ( m )	Identify ( m )
	4.0	64.3	25.7	12.9	6.4
Illuminator					
LED Distance	Up to 30m (98ft)				
LEDs Number	2				
LED On/Off Control	Auto/Manual				
Video					
Video Compression	Ultra265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 4MP (3840*1080), Max 25fps Sub Stream: 1920*540, Max 25fps				
Video Bit Rate	128 Kbps~16 Mbps				
U-code	Support				
ROI	Up to 8 areas				
Video Stream	Double streams				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 4 areas				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Image Setting	Brightness, saturation, contrast, sharpness, gain adjustable by web browser				
Digital noise reduction	2D/3D DNR				
Smart Illumination	Support				
Flip	N/A				
Dewarping	N/A				
HLC	Support				
BLC	Support				
Defog	Digital Defog				
Events					

Basic Detection	Human Body Detection ,motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, Alarm input, Alarm output, access policy, ARP protection, RTSP authentication, user authentication
<b>Audio</b>	
Audio Compression	G.711
Audio Bitrate	64 Kbps
Two-way audio	Support
Suppression	Support
Sampling Rate	8KHZ
<b>Storage</b>	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API,SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	REVO ULTRA REMOTE REVO CLOUD REVO ULTRA APP
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+
<b>Interface</b>	
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
RS485	N/A
Built-in Mic	Built-in two mics
Built-in Speaker	Support
WIFI	N/A
Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
<b>General</b>	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 6.5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L × W × H)	10.7" × 5.1" × 3.0" (273× 130 × 76mm)
Weight	2.09lb (0.95kg)
Material	Metal
Working Environment	-22°F ~ 140°F (-30°C ~ 60°C) , Humidity: ≤95% RH (non-condensing)
Storage Environment	-22°F ~ 140°F (-30°C ~ 60°C) , Humidity: ≤95% RH (non-condensing)
surge protection	4KV
Reset Button	Support

Protection	Ingression protection: IP67 Vandal resistant: N/A
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## Dimensions

