

# REVO ULTRA LumeX 5MP HD Mini Vandal Dome IP Camera

RUCMD28-3X



## Features

- High quality image with 4MP, 1/1.8"CMOS sensor and F1.0 large aperture lens
- 5MP (2560\*1920) @ 25/20fps; 3MP (2304\*1296) @30/25fps; 2MP (1920\*1080) @30/25fps
- Ultra 265, H.265, H.264, MJPEG
- LumeX technology ensures 24-hour full-color images
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- White Light, up to 30m white light distance
- Supports 512 GB Micro SD card
- IP67 protection
- Support PoE power supply
- 3-Axis

## Specifications

|                                    |                                                   |
|------------------------------------|---------------------------------------------------|
| Model                              | RUCMD28-3X                                        |
| Camera                             |                                                   |
| Max Resolution                     | 5 MP                                              |
| Sensor                             | 1/1.8" CMOS                                       |
| Min. Illumination                  | Colour: 0.0003 lux (F1.0, AGC ON)                 |
| Shutter                            | Auto/Manual, 1 ~ 1/100000s                        |
| Adjustment Angle                   | Pan: 0° ~ 360°, Tilt: 0° ~ 75°, Rotate: 0° ~ 360° |
| S/N                                | >52 dB                                            |
| WDR                                | 120 dB                                            |
| Lens                               |                                                   |
| Focal Length                       | 2.8 mm                                            |
| Iris Type                          | Fixed                                             |
| Iris                               | F1.0                                              |
| Field of View (H)                  | 110.4°                                            |
| Field of View (V)                  | 60.5°                                             |
| Field of View (D)                  | 115.2°                                            |
| DORI                               |                                                   |
| DORI Distance (Lens)               | 2.8mm                                             |
| DORI Distance (Detect)             | 142.5ft (43.4m)                                   |
| DORI Distance (Observe)            | 57ft (17.4m)                                      |
| DORI Distance (Recognize)          | 28.5ft (8.7m)                                     |
| DORI Distance (Identify)           | 14.3ft (4.3m)                                     |
| Illuminator                        |                                                   |
| Illumination Distance (Warm Light) | 100ft (30m)                                       |

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Light On/Off Control    | Auto/Manual                                                                                                                                                                                |
| Video                   |                                                                                                                                                                                            |
| Video Compression       | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                             |
| H.264 Code Profile      | Baseline profile, Main profile, High profile                                                                                                                                               |
| Frame Rate              | Main Stream: 5MP (2560*1920), Max 20fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; |
| Video Bit Rate          | 128 Kbps to 6144 Kbps                                                                                                                                                                      |
| U-code                  | Support                                                                                                                                                                                    |
| OSD                     | Up to 4 OSDs                                                                                                                                                                               |
| Privacy Mask            | Up to 4 areas                                                                                                                                                                              |
| ROI                     | Support                                                                                                                                                                                    |
| Video Stream            | Dual Streams                                                                                                                                                                               |
| Image                   |                                                                                                                                                                                            |
| White Balance           | Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2                                                                                                                                       |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                                                  |
| Smart Illumination      | Support                                                                                                                                                                                    |
| Flip                    | Normal, Flip Vertical, Flip Horizontal, 180°, 90° Clockwise, 90° Anti-clockwise                                                                                                            |
| HLC                     | Support                                                                                                                                                                                    |
| BLC                     | Support                                                                                                                                                                                    |
| Defog                   | Digital Defog                                                                                                                                                                              |
| Events                  |                                                                                                                                                                                            |
| Basic Detection         | Motion Detection, Ultra Motion Detection, Tampering Alarm, Audio Detection, Cross line (based on human body detection), Intrusion (based on human body detection)                          |
| General Function        | Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication                                                              |
| Audio                   |                                                                                                                                                                                            |
| Audio Compression       | G.711U, G.711A                                                                                                                                                                             |
| Audio Bitrate           | 64 Kbps                                                                                                                                                                                    |
| Two-way Audio           | N/A                                                                                                                                                                                        |
| Suppression             | Support                                                                                                                                                                                    |

|                        |                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sampling Rate          | 8 kHz                                                                                                                                                                                                      |
| Storage                |                                                                                                                                                                                                            |
| Edge Storage           | Micro SD, up to 512 GB                                                                                                                                                                                     |
| Network Storage        | ANR, NAS (NFS)                                                                                                                                                                                             |
| Network                |                                                                                                                                                                                                            |
| Protocols              | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, SNMP, QoS                                                                             |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T),                                                                                                                                                                   |
| 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 ULTA APP, MYREVOCLOUD, REVO ULTRA REMOTE                                                                                                                                                              |
| Web Browser            | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+                                                                           |
| Interface              |                                                                                                                                                                                                            |
| Built-in Mic           | Support                                                                                                                                                                                                    |
| Built-in Speaker       | N/A                                                                                                                                                                                                        |
| WIFI                   | N/A                                                                                                                                                                                                        |
| Network                | 1 × RJ45 10 M/100 M Base-TX Ethernet                                                                                                                                                                       |
| Video Output           | N/A                                                                                                                                                                                                        |
| Certification          |                                                                                                                                                                                                            |
| EMC                    | FCC (FCC 47 CFR part15 B)                                                                                                                                                                                  |
| Environment            | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);                                                                                                                                                      |
| Protection             | IP67 (IEC 60529)                                                                                                                                                                                           |
| General                |                                                                                                                                                                                                            |
| Power                  | DC 12V±25%, PoE (IEEE 802.3af)                                                                                                                                                                             |
| Power Consumption      | Max 2.6W                                                                                                                                                                                                   |
| Power Interface        | Ø5.5 mm coaxial power plug                                                                                                                                                                                 |
| Dimensions             | Ø5.0' x 3.9'' (Ø128 x100mm) (Ø x H)                                                                                                                                                                        |
| Weight                 | 1.39lb (0.63kg)                                                                                                                                                                                            |

|                     |                                                                         |
|---------------------|-------------------------------------------------------------------------|
| Material            | Metal + Plastic                                                         |
| Working Environment | -22 °F to 140 °F (-30 °C to 60 °C), Humidity: ≤ 95% RH (non-condensing) |
| Storage Environment | -22 °F to 140 °F (-30 °C to 60 °C), Humidity: ≤ 95% RH (non-condensing) |
| Surge Protection    | 4 KV                                                                    |
| Reset Button        | Support                                                                 |

## Dimensions

