

210ROAM1

2MP IR Outdoor Motorized Bullet Camera



Main Features

- Enhanced Ultra Low-Light Solution
- Full HD 1080P @30fps
- Motorized lens 3.3~12mm/F1.4
- Adaptive IR distance effective up to 30M (98ft)
- Analytics (optional)



Product Overview

210ROAM1 is a new H.265 ultra low-light camera to offer outstanding 2MP image quality by using 3.3~12mm motorized lens. The H.265 technology could reduce bandwidth to perform excellent video compression rate with lower data loading for enhancing IP camera performance.

210ROAM1 captures good images under the extreme low-light conditions. It is built-in Adaptive IR function with IR distance effective up to 30 meters (98ft). DOL WDR and Adaptive IR functions can overcome various lighting condition providing crystal clear image output. It is available in outdoor using scenario and suitable for building/public transport/park/tourist attractions surveillance solutions.

H.265++/H.264++

H.265++/H.264++ is the latest next generation of video compression technology. This technology could reduce bandwidth to perform excellent video compression rate with lower storage consumption. Comparing the traditional H.265/H.264, this new technology can save over 50% data flowloading. This helps to enhance IP camera total system performance dramatically.

DOL WDR

DOL WDR can overcome challenging lighting conditions. It is capable of capturing both dark and bright part then combining the differences into a scene to generate a highly realistic image.

1080P @30fps

210ROAM1 supports high-performance H.265/H.264/MJPEG compression technology and offers extra smooth video at up to 30fps in 1080p. Furthermore, Video ROI [Region Of Interest] function reduce bandwidth and storage requirement, providing users with the best option in bandwidth flexibility and storage efficiency.

Adaptive IR

With the advanced Adaptive IR technology, it is not only same as traditional Smart IR to adjust IR output automatically in response to the distance of the object in view. Moreover, it enables consistent illumination for wide&tele angles to maximize image quality. It helps to capture better image quality regardless any kinds of outdoor environments.

Specifications

Camera

Image Sensor	1/2.8" 2MP CMOS Progressive sensor
Minimum Resolution	1920(H) x 1080(V)
Lens	Motorized lens 3.3~12mm F1.4
Iris	Fixed Iris
Field of View	TBD
Smart IR	Effective distance is up to 30M (98ft)
Day and Night	True Day / Night
WDR	DOL WDR
Minimum Illumination	Color 0.05 Lux/F1.4 B/W 0 Lux/F1.4
Electronic Shutter Speed	Auto/Manual 1/7~1/10000
Gain Control	Auto/Manual
Backlight Compensation	Yes
White Balance Mode	Auto/Manual
Privacy Masking	5 areas
Image Setting	Brightness, Contrast, Saturation, Sharpness, Mirror, Flip, Corridor
Defog	Support
Digital Image Stabilization (DIS)	Support
Analytics	Optional

Video

Video Compression	H.265 / H.264 / M-JPEG
Video Streaming	Triple Streaming
Video Resolution	1080p/720p/720x567/720x480/640x480/640x360/320x240
Frame Rate	30fps max.
Bit Rate	64K~8000K

Network

Interface	10/100 Mbps Ethernet, RJ45
Support Protocols	IPv4, IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, RTSP, RTP, SMTP, NTP, DHCP, FTP, Zero Configure
ONVIF	Profile S, G, Q
Users	Live Viewing/Administrator for up to 10 clients
Browsers	Internet Explorer, Google Chrome, Mozilla Firefox

Event Management

Event Trigger	Motion detection 5 areas Tampering detection Alarm in
Notifications	Send/Record message via e-mail/FTP/NAS/SD card, record JPG/mp4

General

PoE	IEEE 802.3af
SD Card	Support
DI/DO	DI*1, DO*1
Weight	1450g
Dimension	122 X 109 X 305 mm
Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Humidity	10% ~ 90%RH(no condensation)
Certification	CE/FCC Class A
Vandal Resistant	IK10 (front cover is PC material)
Waterproof	IP66
Application	SDK available for application development

Packaging Information

NWT (per unit)	1450g
GWT (per unit)	1700g
Full carton	9pcs per full carton

Ordering Information

- 210ROAM1

Dimension Drawing

