IP Camera AM-UM2069-FMA1
H.265+ 0.0008lux 2MP True WDR IP Bullet Camera

DARK WARRIOR STAR LIGHT

Dark Warrior Starlight Series IP Camera
Designed to work under Ultra Low Light illumination to Give Colour Picture Quality

Superior Engineering Design & Sensational Image Quality

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H.265+ VIDEO COMPRESSION	MOTION DETECTION
3D NOISE REDUCTION (3DNR)	VOLTAGE PROTECTION (4KV/2KV)
SMART IR	12VDC/ PoE 802.af (POWER)

Super WDR

WDR ON

WDR OFF

Darkwarrior Starlight IP Camera Night Vision

Starlight On

Starlight Off
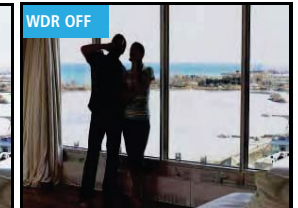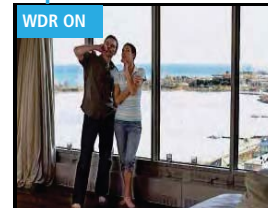
Features :

- 1/2.8" Ultra low lux progressive scan CMOS sensor
- Powerful H.265+ Hardware compression along With H.264, MJPEG
- Ultra low lux color image at 0.0008Lux, B&W 0.0001Lux and 0Lux at IR On
- Full HD 2MP resolution with effective 1920(h) x 1080(v) pixel at 25/30fps
- True 120dB WDR(Wide dynamic range) & 3D DNR(Digital noise reduction)
- Wide viewing angle 4.0MM high definition fixed focus lens
- Triple compression, Dual streaming, Variable/Constant bitrate and frame rate
- High intensity ExIR LED up to 50Mtrs. night vision, TDN by dual filter(ICR)
- Smart IR function works when object/person is close to camera. It controls IR to get clear picture
- Compatibility with icrys series 256Ch CMS software and any third party Onvif VMS/CMS Software
- P2P secure cloud monitoring on iOS/Android handsets(through NVR live/playback/audio and control)
- Built in uni/multicast streaming to support multiple users logging at same time
- Wide range network protocol TCP/UDP/FTP/RTSP/HTTP & many more
- Various modes for light compensation such BLC/HLC, AGC, Shutter speed
- Image enhancement by White balance, picture color, Day/Night mode & noise reduction
- OSD in multiple color, naming & position, Privacy, Motion detection
- ONVIF S profile, Email notification, Manual & Schedule snapshot, Manual recording
- Easy, fast response & friendly graphical user interface, Advanced encryption secure access
- Redundant power supported by 12VDC & PoE(power over ethernet) with 802.3af standard
- Built in TVS protection 4000V and lightning/surge protection Power(2000V), RJ45(1000V)
- Waterproof IP67 housing that supports wall/ceiling mounts included 3 Axis Bracket

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Technical Specifications

Model No	AM-UM2069-FMA1
Camera Specification	
Sensor type	1/2.8" Ultra low lux Exmor CMOS sensor
Lux Level(illumination)	Color 0.0008Lux, B/W 0.0001Lux, 0Lux at IR On
Shutter speed	Auto/Manual, 1/2s ~ 1/100,000s
AGC	Yes
Lens	4.0MM fixed focus
IR distance	IR up to 50 Meter
IR function	Smart IR, ICR Dual Filter, IR LED power adjustable
Compression/Video/Audio	
Video compression	H.265+, H.265, H.264+, H.264, MJPEG
H.264/H.264+ Profile	Main, High, Baseline
Main stream	2MP 1920x1080/1.3MP 1280x960/ 1MP 1280x720/D1/VGA
Second stream	704x576(D1), 704x288(2CIF), 352x288(CIF), 640x360
Record & Live frame rate	Selectable 1 ~ 25/30(NTSC)fps at 2MP, 1.3MP, 1MP, D1, VGA
Bitrate control	32Kbps ~ 8Mbps, VBR, CBR, I-Frame interval
Smart Functions	
Intelligent alarm	Advanced motion detection, Recognize only persons from all the moving objects
Intelligent codec	256kbps for 1080P video stream, 1GB storage for 24 hours recording
Intelligent image	Advanced algorithm, Identifies persons clearly
Camera Functions	
WDR	120dB, Auto/Manual adjustable
Day/Night	Auto(Outside/Inside), Color, B/W
Digital noise reduction	3DNR (Close/Ordinary/Expert)
Light compensation	BLC Off/On, 1 area, Customize design, HLC Off/On adjustable
White balance	Auto/Manual/Lock/Nature/Sunshine/Day Light/Warm light
Other functions	Smart defog control, EIS(Image Stabilizer), Flip control, Motion detection, Privacy masking
Image control	Brightness, Contrast, Sharpness, Saturation
OSD display	16×16,32×32,24×24,48×48,64×64 character size 5 area arrangement @ Time/Date/Week/Character/
	PTZ angle
Alarm alert	On-screen alerts/Link out/FTP upload, PTZ trigger/E-MAIL/Pre-Post record(through NVR)
Network, Storage, Interface	
Protocol	TCP/UDP/HTTP/802.1x/FTP/UPnP/Multicast/DNS/DDNS/NTP/RTSP/DHCP/PPPoE
Pre & Post recording	Pre : 5 to 15sec, Post : 10 to 60 sec
Network storage	FTP(pre & post upload)
LAN port	1x port RJ-45, 10M/100M ethernet
Software Support	
Onvif	Yes, Profile S
CMS software	iCRYS series, up to 256CH(IP+NVR+Matrix)
3rd Party VMS/NVR /CMS	Onvif/SDK
Mobile	Cloud support Android /iOS through NVR
User login	8 User / 4 level of rights, Simultaneous login ≤7 user client
Snap shot management	Schedule, Link with FTP or Email
Encryption	Off/AES

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Technical Specifications

Model No.	AM-UM2069-FMA1
General	
Power supply	DC 12V ±15% & PoE (802.3af)
Power consumption	<3W @ IR Off, <7W @ IR ON
Voltage protection	TVS 6000V, Lightning/Surge 2000V(power) 1000V(RJ45)
IP & Vandal protection	IP67
Reset switch	N.A
Operating temp. & humidity	-30°C ~ 60°C & 0% ~ 95% RH
Enclosure	Built-in 3 axis bracket, Metal+Plastic housing
Weight (g) & Dimension	<0.5Kg camera, 210mm(L) X 82mm(W) X 83mm(H)

Dimension :

210mm

82mm

83mm

Onvif CE FC RoHS COMPLIANT ✔

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