AVTRON
Vision Redefined
A Venture of ADIT GROUP

IP Camera AM-DM4064-FMA2
H.265+ 4MP Super WDR 50M ExIR IP Bullet Camera

Superior Engineering Design & Sensational Image Quality

AM-DM4064-FMA2 H.265+ 4MP Super WDR 50M ExIR IP Bullet Camera

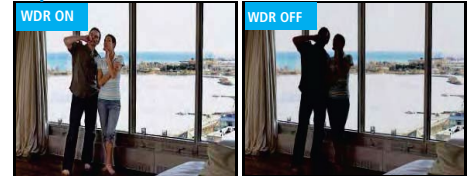|				
SUPER WDR	H.265 + VIDEO COMPRESSION	VIDEO ANALYTICS	REGION OF INTEREST	SMART IR
MECH. IR CUT FILTER	MOTION DETECTION	LOCAL STORAGE 512GB	AUDIO IN/MIC	VOLTAGE PROTECTION 6KV/2KV ELECTRIC PROTECTION

Features :

- 1/2.8" Progressive scan CMOS image sensor
- Powerful H.265+ Hardware compression along With H.264, MJPEG
- 25fps at 4MP resolution 2560(h) x 1440(v) pixel, 3MP, 2MP, 1.3MP
- Built-in Mic, SD Card Slot, Reset Button
- Super 120dB WDR(Wide dynamic range) & 3D DNR(Digital noise reduction)
- Wide viewing angle 4.0MM high definition fixed focus lens
- High intensity ExIR LED up to 50Mtrs. night vision, TDN by dual filter(ICR)
- Low illumination at Color: 0.002Lux@ (F1.6, ACG ON), B/W: 0Lux with IR
- Smart IR function works when object/person is close to camera. It controls IR to get clear picture
- Software 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 & lightning/surge Power(2000V), RJ45(1000V)
- Waterproof IP67 housing that supports wall/ceiling mounts included 3 Axis Bracket

Super WDR

WDR ON

WDR OFF

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Technical Specifications

Model No	AM-DM4064-FMA2
Camera Specification	
Sensor type	1/2.8" progressive scan CMOS sensor
Lux Level(illumination)	Color: 0.002Lux@ (F1.6, ACG ON), B/W: 0Lux with IR
Shutter speed	Auto/Manual, 1s ~ 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	4MP(2560x1440P)/3MP(2304x1296P)/2MP(1920x1080P)/1.3MP(1280x960P)/1MP(1280x720P)
Second stream	704x576(D1), 704x288(2CIF), 352x288(CIF), 640x360
Record & Live frame rate	25fps at 4MP/3MP/2MP/1.3MP/1MP, 15fps at second stream
Bitrate control	32Kbps ~ 6Mbps, VBR, CBR, I-Frame interval
Video Analysis	
Intelligent video analysis	Tripwire, Perimeter
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	16x16, 32x32, 48x48, 64x64, adaptable size, Letters Such as Week, Date, Time, Total 3 Regions
Alarm Alert	On-screen alerts/Link out/FTP upload, PTZ trigger/E-MAIL/Pre-Post record(through NVR)
Network, Storage, Interface	
Protocol	TCP/IP, HTTP, FTP, DHCP, DNS, DDNS, MULTICAST, IPV4, NTP, UDP, Telnet
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-DM4064-FMA2
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	Yes
Operating temp. & humidity	-35°C ~ 65°C & 0% ~ 95% RH
Enclosure	Built-in 3 axis bracket, Metal+Plastic housing
Weight (g) & Dimension	<0.4Kg camera, 160.8mm(L) X 68mm(W) X 74.5mm(H)

Dimension :

Onvif CE FC RoHS✔ COMPLIANT

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