AVTRON

MONARCH 10X

AM-S210-HD10
OPTICAL ZOOM BOX CAMERA

MEGA | HD H.264 | 10X | IP CAMERA

Superior Engineering Design & Sensational Image Quality

AM-S210-HD10
10X OPTICAL ZOOM BOX CAMERA

Features :

- 1/2.5" CMOS Image Sensor
- Full HD Resolution with 1920(H) x 1080(V)
- 10X Optical Zooming with Auto Focus
- Live Video Through Built IN HDMI
- True & Soft Day/Night for all 24/7 Surveillance mode
- Dual Compression Streaming H.264, MJPEG for Network, Record, Image
- Selectable Dual Streaming(H.264/MJPEG or H.264/H.264) Combination
- Powered through Power over Ethernet(PoE) with IEEE 802.3af Standard
- Compliant with ONVIF 2.0 on May, 2012
- Common Gateway Information API for 3rd party intrigation CMS/VAS/NVR
- RS-485 Communication for Zooming Control
- Supported Local Storage by Micro SD(up to 32G)
- Compatible with AVTRON Free Software Live up to 36CH with 16CH Playback Support
- Built in Multicast Streaming by that Large number of User can log on with Sensible Video Quality
- Wide Range Supported Network Protocol TCP/IP, UDP, RTP, RTSP, HTTP,DHCP, FTP,SNMP, SMTP,
- Flexible & Selectable Video Stream Control by VBR & CBR
- Support Bi-Directional(Two-Way) Audio Communication (G.711/AAC)
- OSD Menu Control BY Confrigration Menu
- RS-485 Communication for Zooming Control
- Adjustable Exposure Mode Auto/Flicker/ Manual, Sense-Up
- Support Email Notification, FTP Upload
- Easy, Fast & User Friendly GUI CMS
- Multi User Support with Software Access Level Control with Password Protection
- 3rd party System intrigation by RS485/Sensor/Relay
- Motion Detection, White Balance, etc
- Dual Power Support by 12V DC & POE

Specifications :

Model No.	**AM-S210-HD10**
Camera Specification	
Sensor Type	1/2.5" pixel CMOS Sensor
Effective Pixels	Effective Max Pixel 2.35M with 1936(H) x 1217(V)
Shutter Speed Control	AUTO 1/30s-1/12,000s
Gain Control(AGC)	Low/MID/HIGH
Lens	4.5 ~ 45.0mm, F1.8 ~ 2.2
White Balance	Auto / Indoor / Outdoor
On Screen Display	
Day/Night	Auto / Color / BW
Digital Noise Reduction	Off/SNF/TNF/SNF+TNF
Sens-Up	up to 8X
Back Light Compensation(BLC)	Off/Low/Mid/High
Camera ID Name	On/Off
Privacy Masking	On/Off
Motion Detection	On/Off
Image Control	Brightness
Compression/Video/Audio	
Video Compression	H.264 / MPEG4 / MJPEG
Video Resolution	Max. 1920x1080, 1280x1024, 1280x960, 1600x900, 1024x760, 1280x720, 800x600, 720x480, 640x480
Record & Live Frame rate	Selectable 1 ~ 30fps
Rate control	VBR/CBR, I-Frame interval
Streaming	Single or dual configured by H.264, MJPEG
Video output	HDMI 1080P / Rj45
Audio Compression	G.711u(64kbps), AAC(128kbps)
Audio Connection	Line in / Line out (Stereo JACK)
Communication	Bi-directional

Specifications :

Software Intrigration	
Onvif	YES, V2.0
CMS Record	CAMMANAGER 36CH Record @ up to 2.0 M Resolution
CMS Playback	16CH Playback Support
3rd Party VMS/NVR /CMS	BY Onvif V2.0 / CGI
Event Trigger	BY Motion detection, Alarm Port
Event Handing	On-screen alerts/Mail/FTP/Configurable alert sound/Record
Event Recording	Pre-record (3sec.)/Post-record (30sec.)
FTP Upload	YES
EMAIL Notifiaction	YES
Memory & Storage	
DDR RAM	1 GB
FLASH RAM	1 GB
Storage	Micro SD Slot(32GB Max.)
Network	
Connection	RJ-45 Ethernet
Protocol	TCP/IP, UDP, RTP, RTSP, HTTP, DHCP, FTP, SMTP, SNMP
Streaming	Unicast, Multicast
Access control	Access levels with password protection
Network discovery	UPnP
LAN Connectivity	10/100 Based-T
Interface	
RS-485	Yes
Sensor	1 x Sensor Input
Alarm	1x Alarm Output(Relay)
General	
Power Supply	PoE, IEEE802.3af & DC 12V
Power Consumption	<500 mA

Specifications :

Operating Temperature	-10℃ ～ ＋50℃
Operating Humidity	30% ～ 90% RH
Mechanical	
Weight (g)	610g

* Product specifications and appearance may be changed without prior notice due to improvements.

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