



# NT3212M

## 3MP IP, VF LENS, PAN/TILT, TURRET CAMERA

- > 2.8 ~ 12mm Motorized Vari-focal Lens
- > Exceptional 3MP, 2048 x 1536 Resolution, Video Images with Remote Pan/Tilt for Easy Installation Setup
- > Powerful IR LED Lights for 0 Lux Operation up to 82ft
- > ATVision IP Remote Management Client Software for Windows and Mac and Mobile Applications for Apple and Android Operating Systems are included

### TECHNICAL SPECIFICATIONS

IMAGE	
Image Sensor	Type : 1/2.8" SONY Exmor CMOS Sensor
Min. Illumination	Color : 0.1 Lux / BW: 0 Lux @ F1.4
Scanning Mode	Progressive Scan
Resolution	2048 x 1536 ~ 320 x 240 @ 25/30fps
IR	30 IR LED's (850nm); Max 82ft Indoor, 65ft Outdoor
FUNCTIONS	
Lens / Angle of View	Motorized Varifocal 2.8~12mm / 91°~29° (H)
Wide Dynamic Range	Digital
Day and Night Mode	True D/N (Auto, Day, Night)
Noise Reduction	2DNR, 3DNR
Image Effect	Flip, Mirror, Aisle, Defog, HLC, S-LDC, BLC, Digital Zoom, White Balance
Shutter Speed	Auto (1/10,000~1sec), Manual
Compression	H.264 (Baseline, Main, High Profile), MJPEG
Streaming	25/30fps (Triple Stream : H.264x2, MJPEGx1)
Audio Compression	G.711; 2 Way
Video Contents Analysis	Tampering, Line Detector, Field Detector
VMD / Privacy	16 Areas / 8 Zones
Event Notification	E-mail, FTP, Notification Server, XML Notification, AIHM
Security	Multi User Authority, IP Filtering, HTTPS, SSL
Network Time Sync	NTP Server, Synchronized Computer, Manual
Remote Upgrade	Web Browsing (IE, Chrome, Safari, Firefox), SmartManager
SD Recording Mode	Event, Continuous
NETWORK	
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Client Software & Users	ATVision IP CMS & Mobile; Max Live Users: 10; Playback Users: 3
API Support	Open API, Onvif Compliance
GENERAL	
Audio / Alarm	1 Input, 1 Output (Terminal Block) / 1 Input, 1 Output (Terminal Block)
Ethernet	RJ-45 (10/100Base-T)
SD Card Slot	SDHC, SDXC (128GB)
Operating Temp & Humidity	-22°F ~ 140°F (-30°C ~ +60°C); 0~90% RH (Non-Condensing)
Power Source	PoE (IEEE802.3af) / 12VDC; 160mA (7.7W) @PoE / 610mA (7.3W) @12VDC
Dimensions / Weight	5.8 Ø x 4.9in (147 Ø x 125mm); 1.5lb (.7kg)
Environmental	IP66
Conformity Certifications	FCC, CE, UL



### ACCESSORIES

- HDB243X Wall Mount
- HDA502 Junction Box
- HDB453 Pendant Mount