



# NV229 / NV237

## 2MP IP, FIXED LENS, VANDAL DOME CAMERA

- > 2.9mm (NV229) or 3.7mm (NV237) Fixed Lens
- > Exceptional 2MP, 1920 x 1080 Resolution, Video Images
- > 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 : 1/2.9" SONY Exmor CMOS Sensor
Min. Illumination	Color : 0.3Lux / BW : 0Lux@F2.5, 50IRE
Scanning Mode	Progressive Scan
Resolution	1920x1080 ~ 320x240; @ 25/30fps
IR	28 IR LEDs (850nm): Max 82ft Indoor, 65ft Outdoor
FUNCTIONS	
Lens / Angle of View	Fixed 2.9mm or 3.7mm, F2.5 / 81° (H)
Wide Dynamic Range	D-WDR (ATR-EX)
Day and Night Mode	True D/N (Auto, Day, Night)
Noise Reduction	3DNR
Image Effect	Flip, Mirror, Aisle, Defog, HLC, S-LCD, BLC, Digital Zoom, White Balance
Shutter Speed	Auto (1/10,000~1sec), Manual
Compression	H.264 (Baseline, Main, High Profile), MJPEG
Streaming	Quad Stream : H.264x3, MJPEGx1
Audio	G.711; 2 Way
Video Content 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; 120mA (5.7W) @PoE / 450mA (5.4W) @12VDC
Dimensions & Weight	5.7(Ø) x 3.81in (144(Ø) x 98mm); 1.7lb (.79kg)
Environmental	IP66, IK10
Conformity Certifications	FCC, CE, UL



### ACCESSORIES

HDB243X	Wall Mount
HCS254V	Flush Mount
HDA502	Junction Box
HDB453	Pendant Mount
HCM160	Corner Mount
HDA401	Wedge Mount
HPDA3	Pendant Cap