



# NBW229 / NBW237

## 2MP IP, FIXED LENS, BULLET CAMERA

- > 2.9mm (NBW229) or 3.7mm (NBW237) Fixed Lens
- > Exceptional 2MP, 1920 x 1080 Resolution, Video Images and Powerful IR LED Lights for 0 Lux Operation up to 82ft
- > Super-Efficient H.265 Video Compression for Drastically Reduced Bandwidth and Storage Requirements
- > 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 Starvis CMOS Sensor    Pixels : 1984(H) x 1105(V)
Min. Illumination	Color : 0.08Lux / BW : 0Lux@F2.5, 50IRE
Scanning Mode	Progressive Scan
Resolution	1920x1080 ~ 320x240; @ 25/30fps
IR	22 IR LEDs (850nm): Max 82ft Indoor, 65ft Outdoor
FUNCTIONS	
Lens / Angle of View	Fixed 2.9mm or 3.7mm, F2.5 / 89° (H)
Wide Dynamic Range	True WDR (120db)
Day and Night Mode	True D/N (Auto, Day, Night)
Digital Noise Reduction	2DNR, 3DNR
Image Effect	Flip, Mirror, Defog, Digital Zoom, White Balance
Shutter Speed	Auto (1/10,000~1sec), Manual
Compression	H.264(Baseline, Main, High Profile), H.265(Main Profile), MJPEG
Streaming	Quad Stream : H.264/H.265 x 3, MJPEG x 1
Audio	G.711; 2 Way
Video Analysis	Tamper Detection, Intelligent Motion Detection, Zone Intrusion Monitoring
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	
Video Composite Out	Yes
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 (6.5W) @PoE / 530mA (6.6W) @12VDC
Dimensions & Weight	Ø 2.7 x 6.9in (Ø 68 x 175.8mm); 1.1lb (0.45kg)
Environmental	IP66
Conformity Certifications	FCC, CE, UL



### ACCESSORIES

- HJB200 Junction Box
- HCM160 Corner Mount