



# NBW429 / NBW436

## 4MP IP, FIXED LENS, BULLET CAMERA

- > 2.9mm (NBW429) or 3.6mm (NBW436) Fixed Lens
- > Exceptional 4MP, 2592 x 1520 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 : 1/3" CMOS Sensor  |
| Min. Illumination         | Color : 0.23Lux / BW : 0Lux @ F2.0, 50IRE  |
| Scanning Mode             | Progressive Scan   |
| Resolution                | 2592 x 1520 ~ 400 x 240; @ 25/30fps  |
| IR                        | 22 IR LEDs (850nm): Max 82ft Indoor, 65ft Outdoor  |
| FUNCTIONS                 |  |
| Lens / Angle of View      | Fixed 2.9mm or 3.6mm, F2.0 / 81° (H)   |
| Wide Dynamic Range        | True WDR (120dB)   |
| Day and Night Mode        | True D/N (Auto, Day, Night)  |
| Noise Reduction           | 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 Content Analysis    | Tampering, iVMD, Intrusion, 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                   |  |
| 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