

2 Megapixel ABF Candle-Light Box Network Camera

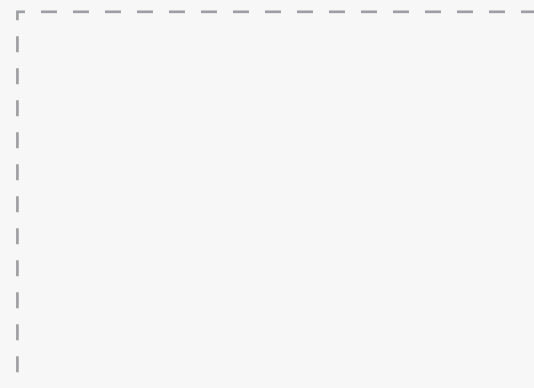
BN-233NB Premium



- 2 Megapixel high resolution
- 1080p resolution, Real-time from Sony Exmor™ 1/2" CMOS image sensor
- Auto Back Focus
- 2M@60fps high frame mode; 2M@30fps True-WDR mode
- H.264 Base line, Main-Profile, Hi-Profile
- ICR for Day and Night Surveillance without color shift
- Support ONVIF protocol
- Build-in microphone and adjustable audio output gain
- 1 Digital In and 1 Digital Out (DI/O)
- Audio detection
- Built-in micro SD card slot for local storage
- Support Power over Ethernet (POE)

Camera		Users	20 simultaneous unicast users
Image Device	Sony Exmor™ 1/2" size Sony Exmor? image sensor	Ethernet	10/100/1000M auto negotiation
Effective Pixels	1920x1080 pixels	System Integration	
Lens	Optional lens. Support DC drive Iris or P-iris lens	Application Programming Interface	<ul style="list-style-type: none"> ● ONVIF ● Open API for software integration ● SDK
Focus	Auto Back Focus	Event Detection	<ul style="list-style-type: none"> ● External input (DI)
ICR type	Mechanical	Object Detection	Detection with Entrance , Desertion or Theft options
IP Module		Audio Detection	Audio level 0-100
Video		Alarm Events	<ul style="list-style-type: none"> ● File upload via FTP or email ● File upload via Samba to NAS ● Notification via email, HTTP, and TCP ● External output activation ● Audio alerting output ● mSD card local storage ● Push notify to smart phone apps
Video Encoder	H.264 and MJPEG simultaneously	Video Buffer	Pre- and post- alarm buffering
Video Profile	Dual stream for WDR mode (Resolution Adjustable)	General	
Wide Dynamic Range	More than 100dB	ROM	384MB
Frame Rate	Up to 60fps for 60fps mode Up to 30fps for WDR mode	RAM	256MB
Exposure Control	Auto / Auto Indoor / Manual Exposure (Manual mode : 1/2~1/10,000 seconds) Photometry Method : Average / Center / Spot / BLC / FLC	Power Supply	12V DC external power adapter or AC24V
Image Setting	<ul style="list-style-type: none"> ● AE, AWB ● 3D Noise reduction ● True WDR ● Exposure value, Color, Hue , Brightness, Contrast, Sharpness, ● Mirror/Flip ● DIS ● Privacy Masks 	PoE	IEEE 802.3af class 3
On Screen Display	Text, time and date overlay Editable OSD (bitmap format)	Power Consumption	Max. 8W (12V DC in)
Streaming	<ul style="list-style-type: none"> ● Simultaneously dual streaming ● Streaming over UDP, TCP, HTTP, or HTTPS ● M-JPEG streaming over HTTP (server push) ● Controllable frame rate and bandwidth ● Constant and variable bit rate (H.264) ● AOI 	Connectors	<ul style="list-style-type: none"> ● RJ-45 10Base-T/100Base-TX/1000Base-T ● 12VDC power jack ● AC24V Terminal (option) ● 1 alarm input and 1 output ● RS485 ● Audio out ● External MIC input ● Factory default reset ● mSD card
Audio		Indication LED	Green and orange LEDs
Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps, AAC (option, by request)	Operating Temperature	0°C to 50°C (32°F to 104°F)
Audio Streaming	One-way or two-way	Operating Humidity	20% ~ 80% (non-condensing)
Microphone	Built-in and external microphone	Viewing System	
Audio Output	Adjustable audio output gain	OS	Windows® XP, Vista, 7, 8, 8.1
Network		Browser	IE 7.0 or later, Firefox 2.0 or later, Safari , Google Chrome
Supported Protocols	IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP, SNMP	Video Player	VLC, Quick Time, Real Player, Core Player
Security		Software	
Password protection, IP address filtering, HTTPS encrypted data transmission, user access log		Afidus Cloud Service™, Afidus DDNS Service™, Afidus Smart Phone Apps, Afidus NVR64™	

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※ The product design and dimensions may change without previous notice for improvement of performance.

Dimensions

