

2 Megapixel H.264+ ABF Intelligent Box Network Camera

BH-232NB Premium



- 2 Megapixel high resolution with Sony Exmor CMOS image sensor
- H.264+, H.264 high profile, main profile, baseline and MJPEG simultaneously
- 25 / 30 fps real time at all resolution
- Fast (100Base-TX) Ethernet, support Power over Ethernet: IEEE 802.3af Class3
- True WDR Support.
- Camera tampering, motion detection
- Auto back focus (remote)
- Support various protocols: RTSP, UPnP, , HTTPS, Samba, SNMP, QoS
- Event trigger action: Send to NAS, send to FTP, send to Email, voice alert, notify to HTTP/TCP servers, local mSD card
- Power over Ethernet: IEEE 802.3af Class3
- Open Standard Protocol

Camera

Image Device	Sony 1/2.8" Exmor™ 2 Megapixel image sensor
Effective Pixels	1920 x 1080
Lens	C/ CS mount, support DC and P-iris lens
Day & Night	TDN (Mechanical ICR)
Min illuminator	Color: 0.01 lux@F1.2(AGC on) B/W: 0.002 lux@F1.2(AGC on)

Video

Video Encoder	H.264+ H.264 and MJPEG simultaneously H.264 base line, main-profile, and hi-profile
Video Profile	Multi-streaming simultaneously
Frame Rate	Up to 25 / 30fps at all resolutions
Exposure Control	Auto / Auto Indoor / Manual Exposure BLC On/Off True WDR ● AWB / AE ● 3D & 2D Noise reduction ● Color, brightness, sharpness, contrast, Hue ● Image Mirror/Flip ● Privacy Masks ● DIS ● Pixel Count ● Anti-False Color ● Defog

Image Setting

Privacy Mask	7 areas
Area of Interest	Selectable area and quality level
On Screen Display	Text, time and date overlay Editable OSD ● Simultaneously multi-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 ● ROI ● AOI (Higher Quality in AOI area)

Streaming

Streaming	● Simultaneously multi-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 ● ROI ● AOI (Higher Quality in AOI area)
------------------	---

Audio

Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps, AAC (optional, by request)
Audio Streaming	One-way or two-way
Microphone	External microphone input
Audio Output	Adjustable audio output gain value

Network

Supported Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP, SNMP, QoS, CoS, 802.1x, iSCSI
----------------------------	--

Security

Security	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log
-----------------	---

Users

Users	20 simultaneous unicast users
--------------	-------------------------------

Ethernet

Ethernet	10Base-T/100Base-TX auto negotiation
-----------------	--------------------------------------

System Integration

Event Detection	● Video motion detection ● Camera Tampering ● Audio Detection ● Digital input ● Network Disconnect
------------------------	--

Motion Detection

Motion Detection	10-zone video motion detection with included or excluded options
-------------------------	--

Alarm Events

Alarm Events	● File upload via FTP or email ● File upload via Samba to NAS ● Notification via email, HTTP, and TCP ● External output activation ● Audio alerting output ● Push notification to smart phone APP(Afidus) ● ICR On/Off ● File save to local mSD sard
---------------------	---

Video Buffer

Video Buffer	Pre- and post- alarm buffering
---------------------	--------------------------------

General

Power Supply	DC 12V IEEE 802.3af class 3
---------------------	--------------------------------

Power Consumption

Power Consumption	7W with IR LED on (12V DC)
--------------------------	----------------------------

PoE

PoE	● RJ-45 10Base-T/100Base-TX ● 12VDC ● 1 alarm input and 1 output ● RS485
------------	---

Connectors

Connectors	● MIC in ● External Audio input ● Compositated video out ● Factory default reset ● Micro SD card slot
-------------------	---

Operating Temperature

Operating Temperature	-10°C to 50°C
------------------------------	---------------

Operating Humidity

Operating Humidity	10% ~ 90% (non-condensing)
---------------------------	----------------------------

Viewing System

Viewing System	Windows® 7, 8, 10
-----------------------	-------------------

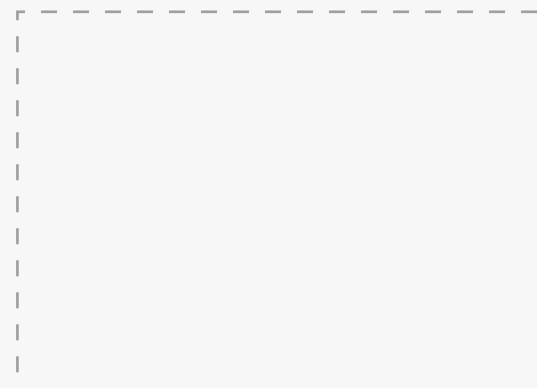
Browser

Browser	IE 9.0 or later, Mozilla Firefox, Chrome, Safari
----------------	--

Software

Software	Afidus Cloud Service™, Afidus DDNS Service™, Afidus Smart Phone Apps, Afidus NVR64™
-----------------	---

Distributed by :



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

Dimensions

