Afidus
Smart Technology, Safe Life

Day Night | Full HD 1080 | PoE | ICR
Free Bundle NVR | micro SD | Cloud | Starlight

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

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
Image Setting	● AWB / AE ● 3D & 2D Noise reduction ● Color, brightness, sharpness, contrast, Hue ● Image Mirror/Flip ● Privacy Masks ● DIS ● Pixel Count ● Anti-False Color ● Defog
Privacy Mask	7 areas
Area of Interest	Selectable area and quality level
On Screen Display	Text, time and date overlay Editable OSD
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	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log
Users	20 simultaneous unicast users
Ethernet	10Base-T/100Base-TX auto negotiation

System Integration

Event Detection	● Video motion detection ● Camera Tampering ● Audio Detection ● Digital input ● Network Disconnect
Motion Detection	10-zone video motion detection with included or excluded options
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	Pre- and post- alarm buffering

General

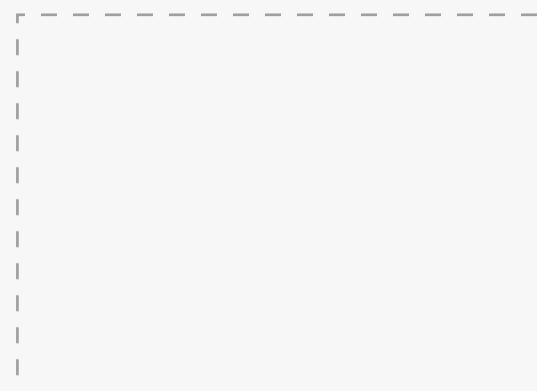|	
Power Supply	DC 12V
	IEEE 802.3af class 3
Power Consumption	7W with IR LED on (12V DC)
PoE	● RJ-45 10Base-T/100Base-TX ● 12VDC
Connectors	● 1 alarm input and 1 output ● RS485 ● MIC in ● External Audio input ● Composited video out ● Factory default reset ● Micro SD card slot
Operating Temperature	-10°C to 50°C
Operating Humidity	10% ~ 90% (non-condensing)

Viewing System

	Windows® 7, 8 ,10
Browser	IE 9.0 or later, Mozilla Firefox, Chrome, Safari

Software

OS
Afidus Cloud Service™, Afidus DDNS Service™, Afidus Smart Phone Apps, Afidus NVR64™

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

Dimensions