



2 Megapixel Intelligent Box Network Camera

BN-230F1 Premium



- 2 Megapixel high resolution
- 1080p resolution, Real-time from Sony Exmor™ CMOS image sensor
- 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

Image Device	1/2.8" Sony Exmor™ image sensor
Effective Pixels	1920x1080 pixels
Lens	C/CS mount
IRIS	Support DC IRIS Lens
ICR	Smart control mechanical ICR
WDR	True WDR (More than 100dB)

IP Module

Video

Video Encoder	H.264 and MJPEG simultaneously H.264 base line, main-profile, and hi-profile
Video Profile	Dual stream video profile
Frame Rate	Up to 60fps @ 60fps mode Up to 30fps @ WDR mode

Iris / Exposure Control	Auto Iris / Auto Exposure / Hold Exposure / Manual Exposure / Outdoor (Manual mode : 1/2~1/47,000 seconds)
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Image Setting	<ul style="list-style-type: none"> ● White Balance ● 3D Noise reduction ● Exposure value/ Color/ Brightness/ Sharpness/ Contrast/ Hue ● Image Mirror, Flip
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Privacy Mask	7 areas
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Area of Interest	Selectable area and quality level
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On Screen Display	<ul style="list-style-type: none"> ● Text, time and date overlay ● Image overlay ● Multi-language OSD overlay
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Streaming	<ul style="list-style-type: none"> ● Streaming over UDP, TCP, HTTP, or HTTPS ● M-JPEG streaming over HTTP (server push) ● Controllable GOP (I/P frame) ● Constant and variable bit rate (VBR, CBR, EVBR)
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Audio

Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps
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Audio Streaming	One-way or two-way
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Microphone	Built-in and external microphone
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Audio Output	External line out
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Network

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, SNMPv1, SNMPv2c
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Security	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log
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Users	20 simultaneous unicast users
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Ethernet	10M /100M / Gigabit LAN auto negotiation
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System Integration

ONVIF	<ul style="list-style-type: none"> ● ONVIF 1.0/ 1.1/ 1.2/ 2.0/ 2.1/ 2.2 (up to date) protocols ● ONVIF version switchable
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Event Detection	● Digital input
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Motion Detection	10 zones motion detection
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Audio Detection	Audio level 0-100
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Alarm Events	<ul style="list-style-type: none"> ● File upload to FTP or email ● File upload via Samba to NAS ● Notification via email, HTTP, and TCP server ● External output activation ● Audio alerting output ● Send to mSD card ● Push notify to smart phone
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Video Buffer	Pre- and post- alarm buffering
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General

Power Supply	12V DC power input or AC24V power input
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PoE	IEEE 802.3af class 3
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Connectors	<ul style="list-style-type: none"> ● RJ-45 10Base-T/100Base-TX/1000Base-T ● Power input jack ● 1 alarm input and 1 output (DI/ DO) ● RS485 ● Audio out ● External MIC input ● Factory default reset ● mSD card
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Operating Temperature	0°C to 50°C (32°F to 122°F)
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Operating Humidity	20% ~ 80% (non-condensing)
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Viewing System

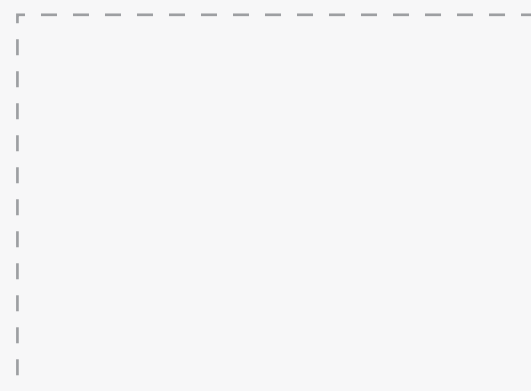
OS	Windows® XP, Vista, 7, 8
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Browser	IE 6.0 or later, Firefox 2.0 or later, Safari , Google Chrome
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Software

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

