EverFocus®

neVio HD Series

EverFocus®

Notice:

 Not all models featured are available in all countries. For accessories and other product information, please visit
www.everfocus.com

1. Safety Precaution: Please read all operating instructions and installation manual carefully before using this product.
2. EverFocus is not responsible for network performance and/or other manufacturer products that reside on the network.
3. All product weights and dimensions are approximate.
4. All products may be subject to export control regulations.
5. All product photographs were taken for the purpose of explanation. Actual images may differ.
6. This datasheet is designed and printed in Taiwan.

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2 Megapixel Full HD Network Camera

EverFocus 3200 series is a 2 megapixel network camera
with support for HDTV 1080p full frame rate video, which has
day and night functionality for superb image quality in
daylight and dark conditions.

PSIA

ONVIF

Advantages

HD image quality
3200 series is a high-definition (HD) network camera which delivers high definition image quality with up to 30fps in 1080p resolution, 16:9 aspect ratio. 3200 series supports both H.264 and Motion JPEG in full frame rate.

Transmission using 2 types of codecs (H.264 and M-JPEG)
For video compression, H.264, optimized for transmission of moving images over a network with low bit transfer rates, is used to enable real-time high image quality monitoring, and for still images M-JPEG is is used to offer high image quality in a common image format.

SDHC slot
3200 series has a built-in slot for an SDHC card, enabling local storage of event recordings, without any external equipment.

Remote Focus & Zoom adjustment
EZN3240 builds in external adjuster control for 2.8~10mm auto iris lens. Zoom and Focus control is also available by web browser.

PoE
Power over Ethernet (IEEE 802.3af) supplies power to the camera via the network, eliminating the need for power cables and reducing installation costs.

ONVIF / PSIA compliant
3200 series camera supports for ONVIF/PSIA, the global interface specification for network video products.

Features

- 1/3" full size HD CMOS image sensor with the full functionality of a single 1080p (1920x1080)
- H.264 Encode/Decode at Real-Time HD Resolution up to 1080p@30fps, cropped 720p@60fps and VGA@60fps
- High Performance Noise Reduction Function
- Digital Video Stabilization Function Support
- Video Encoder including Line Driver for NTSC/PAL TV Signal
- Dual Codec for H.264 and MJPEG
- Remote Zoom & Focus adjustment by web browser
- Built-in SDHC slot for an SDHC card enabling local storage
- Provide true day/night functionality with IR removable filter
- Built-in network interface (10Base-T/100Base-TX) for remote monitoring by PC
- Two Way Audio
- ONVIF / PSIA compliant

Specification

Network Camera	EAN3200	EDN3240	EHN3200	EZN3240
CAMERA				
Camera Type	2MP Full HD Netowrk Camera	2MP Full HD Network Dome Camera	2MP Full HD Outdoor Network Dome Camera	2MP Full HD Outdoor IR Bullet Network Camera
Pickup Device	1/3" Progressive Scan CMOS			
Pixel Effective	1920x1080			
Sensitivity	0.4 Lux / F=1.2	0.4 Lux / F=1.2 (IR Off) / 0 Lux (IR On)	0.4 Lux / F=1.2	0.4 Lux / F=1.2 (IR Off) / 0 Lux (IR On)
Day & Night	True Day/Night with IR cut filter			
Electronic Shutter	Rolling			
Lens	Vari-Focal Lens (2.8~10mm/F=1.2)			Vari-Focal Lens (2.8~10mm /F=1.2) w/ stepping motor
Video Output	Yes			
IR Distance	--	20M	--	40M
IR Wavelength	--	850mn	--	850nm
VIDEO STREAMING				
Video Compression	H.264/MJPEG			
Video Resolution	Max. 1920x1080			
Frame Rate	Max. 30fps@1920x1080p			
AUDIO				
Audio I/O	1/1			
Operation Mode	Two-way audio			
NETWORK				
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket ; Support MDI/MDI-X auto crossover function			
Supported Protocols	HTTP, TCP / IP, UDP, RTP, RTSP, FTP, SMTP, DHCP, DNS, DDNS, NTP, uPnP, PSIA, ONVIF			
TERMINAL I/O				
RS-485	Yes	--	--	Yes
Alarm Input/Output	1/1	2/1	1/1	1/1
EVENT MANAGEMENT				
Event Triggered by	Alarm input, Manual trigger, Motion detection			
Notification over	Trigger alarm output, Send mail notification, Upload video to FTP, Record video to SD card, Send HTTP notification and Network alarm			
LOCAL STORAGE				
SD Card	SD/SDHC memory card slot (card is not included)			--
POWER				
Power Supply	12VDC & PoE	12VDC	12VDC & PoE	12VDC
Power over Ethernet	Yes (PoE 802.3af 48VDC)	--	Yes (PoE 802.3af 48VDC)	--
Power Consumption	5W max. (12VDC)	6 max. (12VDC)	5W max. (12VDC)	12 max. (12VDC, IR LED/ON)
PHYSICAL				
Weight	550g/1.1lbs	660g/1.45 lbs	740g/1.6lbs	1.15kg/2.53lbs
Dimension	68(W)x57(H)x143(D)mm/ 2.7"(W)x2.2"(H)x54."(D) with BNC socket: 68(W)x57(H)x146(D)/ 2.7"(W)x2.2"(H)x5.7"(D)	Surface Type: 140mm (O.D.)x128mm (H)/ 5.5"(O.D.)x5.1"(H) Flush Type: 140mm(O.D.)x68mm(H)/ 5.5"(O.D.)x2.8"(H)	123mm(O.D)x107.8mm(H)/ 4.8"(O.D.)x4.2"(H)	88mm(W)x235.3mm(D) x174.2mm(H) / 3.46"(W) x9.26"(D)x6.86"(H)
ENVIRONMENTAL				
Operation Temp.	0°C~40°C/32°F~104°F	0°C~40°C/32~104°F	-10°C~50°C/14°F~122°F	-40°C~50°C/-40°F~122°F
Humidity	20%~80%	20%~80%	20%~80%	20%~80%
OTHERS				
Weatherproof Ratings	--	--	IP66	IP66
Vandal Proof	--	--	Yes	Yes