

- FISH EYE SOLUTION
- 12 MP RESOLUTION
- 360° PANORAMIC WITH 100dB WDR
- FULL RESOLUTION
- DE-WARP ON CAMERA
- POWERFUL IR LEDs



The **BN1208FE** is the perfect solution to get a 180° or 360° view of any space. It is able to provide the best panoramic recording of events and the best possible detail with 6MP resolution. The BN1208FE covers a wide-ranging area that normally requires multiple cameras to capture.

All images registered by the **BN1208FE** are “de-warped” to give an all angle view from a single 4000x3000 pixel stream. This network camera has Onvif compliance. It delivers 12MP resolution no matter the orientation, and can record at either 180° or 360°. When it has 180°, it’s also possible to deliver from e-PTZ or ROI (Region of Interest) panoramic wall stream.

CAMERA CHARACTERISTICS

RESOLUTION	4000 x 3000 @20fps / 3072 x 3072 @30fps
LIGHT SENSIVITY	0.009 Lux B/W (0 Lux IR LED On)
CAMERA TYPE	True Day / Night with ICR Filter.
	ADC light level to allow user defined day/night switch
FISH-EYE LENS	12 Mega pixel 6th Gen. f1.8mm F=2.0 360°
ELECTRONIC SHUTTER	Auto / User 1/5 - 1/10,000 ; 50/60Hz software selectable
MEMORY CARD	Micro SDXC Max 128GB
SIGNAL NOISE RATIO	60dB

IR ILLUMINATION

INFRARED WAVELENGTH	850nm
IR LEDs	6pc High Powered Super Flux LED
IR DISTANCE	10 Meters (66 feet)

VIDEO

COMPRESSION	H.264/H.265 High/Main/Base Profile.
STREAMING	De-Warp with 4 modes 1P/3P/5P/7P
QUALITY SETTING(VBR)	1 - 9 (9 Highest)
I FRAME	User selection value
ePTZ	Set position of the de-warp stream origin. 0-360 for fisheye, and 0-180 for wall mount.
GAIN CONTROL	Auto / Fixed 8~102dB
ORIENTATION	Horizontal Mirror / Vertical Flip
TEXT OVERLAY	Time / Date / Camera / Custom OSD
MASKING	User defines masking areas, area follow ePTZ area

AUDIO

INPUT / OUTPUT	Optional Microphone: 1 x RCA Input
OUTPUT	1 x RCA Out- put @ 1V Line Level
AUDIO COMPRESSION	G711 A-law, G711 u-law , RAW_PCM

NETWORK	
ETHERNET	1 Ethernet (10/100 Base-T) RJ45 Connector
TCP/IP	IPv4 / IPv6 (DHCP / Fixed) 10/100 Mbps speed Full Duplex
COMPLIANCE	Onvif v2.6 (Profile S)
RTSP VIDEO	Standard RFC2326, Support Quicktime / VLC Player. User security authentication (Enabled / Disabled)
WEB LANGUAGE	English, Chinese, Russian, Polish Local Micro SD Memory, Remote FTP server, TCP/ UDP CMS, RTSP connection .
RECORDING SIMULTANEOUSLY PROTOCOLS	HTTP, TCP/IP, UDP/IP, RTSP, FTP, DHCP, NTP, PP- PoE, NTP. Unicast and Multicast supported. Video streaming from SDK & NVMS / NVR software or 3rd party applications. User Ports setting for Web port, RTSP Port, and SDK Control Port and Alarm Port.

ELECTRICAL	
POWER INPUT	12V DC Terminal / PoE 802.3af
POWER CONSUMPTION	5W / Max 8W(LED On) PoE Class3
PHYSICAL	
DIMENSIONS	162 x 50.8 mm (6.37" x 2")
WEIGHT	0.3kg / 0.66lb
MOUNTING	Wall & Ceiling Mountable
ENVIRONMENTAL	
PROTECTION	IK10
TEMPERATURE	-40°F to 140°F -40°F TO 140°F
OPERATING HUMIDITY	10% - 90% RH
CERTIFICATIONS	
CE	Yes
FCC	Yes
RoHS	Yes

