

- 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**

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

**IR ILLUMINATION**

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

**VIDEO**

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

**AUDIO**

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

### NETWORK

<b>ETHERNET</b>	1 Ethernet (10/100 Base-T) RJ45 Connector
<b>TCP/IP</b>	IPv4 / IPv6 (DHCP / Fixed)
<b>COMPLIANCE</b>	Onvif v2.6 (Profile S)
<b>RTSP VIDEO</b>	Standard RFC2326, Support Quicktime / VLC Player. User security authentication (Enabled / Disabled)
<b>WEB LANGUAGE</b>	English, Chinese, Russian, Polish
<b>RECORDING SIMULTANEOUSLY PROTOCOLS</b>	Local Micro SD Memory, Remote FTP server, TCP/ UDP CMS, RTSP connection . 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

<b>POWER INPUT</b>	12V DC Terminal / PoE 802.3af
<b>POWER CONSUMPTION</b>	5W / Max 8W(LED On) PoE Class3

### PHYSICAL

<b>DIMENSIONS</b>	162 x 50.8 mm ( 6.37" x 2" )
<b>WEIGHT</b>	0.3kg / 0.66lb
<b>MOUNTING</b>	Wall & Ceiling Mountable

### ENVIRONMENTAL

<b>PROTECTION</b>	IP67 / IK10
<b>TEMPERATURE</b>	-40°F to 140°F -40°F TO 140°F
<b>OPERATING HUMIDITY</b>	10% - 90% RH

### CERTIFICATIONS

<b>CE</b>	Yes
<b>FCC</b>	Yes
<b>RoHS</b>	Yes

