

Fish-eye Cameras with 360° Panoramic View 12MP Resolution

- 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 CHARACT	TERISTICS
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.
FISH-EYE LENS	ADC light level to allow user defined day/night switch 12 Mega pixel 6th Gen. f1.8mm F=2.0 360°
ELECTRONIC	Auto / User 1/5 - 1/10,000 ;
SHUTTER	50/60Hz software selectable
MEMORY CARD	Micro SDXC Max 128GB
SIGNAL NOISE RATIO	60dB

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)
IFRAME	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
_	User defines masking areas, area
MASKING	follow ePTZ area

IR ILUMINATION	
INFRARED	850nm
WAVELENGHT	
IR LEDs	6pc High Powered Super Flux LED
IR DISTANCE	10 Meters (66 feet)
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AUDIO	
INPUT / OUTPUT	Optional Microphone: 1 x RCA Input
OUTPUT	1 x RCA Out- put @ 1V Line Level
AUDIO	G711 A-law, G711 u-law , RAW_PCM
COMPRESSION	

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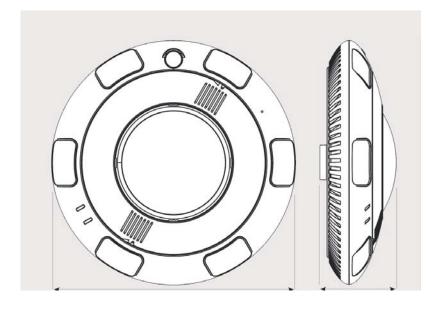




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NETWORK	
ETHERNET	1 Ethernet (10/100 Base-T) RJ45 Connector
TCP/IP	IPv4 / IPv6 (DHCP / Fixed) 10/100 Mbps speed Full Duplex
COMPLIANCE	Onvif v2.6 (Profile S)
RTSP VIDEO	Standard RFC2326, Support Quicktime / VLC Player. User security authentication (Enabled / Disabled)
WEB LANGUAGE	English, Chinese, Russian, Polish
RECORDING SIMULTANEOUSLY	Local Micro SD Memory, Remote FTP server, TCP/ UDP CMS, RTSP connection .
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 COMSUMPTION	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	10% - 90% RH
HUMIDITY	
CERTIFICATIONS	
CE	Yes
FCC	Yes
RoHS	Yes





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