BOLIDE®
TECHNOLOGY GROUP

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

The **BN1008FE** is the perfect solution to get a 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 BN1008FE covers a wide-ranging area that normally requires multiple cameras to capture.

All images registered by the **BN1008FE** are "de-warped" to give an all angle view from a single 1048x1024 pixel stream in real time. This network camera has Onvif compliance. It delivers full 25/30fps 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 @2048x1024 pixels. The **BN1008FE** is a widely favoured solution that suits all technical and aesthetic needs.

CAMERA CHARACTERISTICS

RESOLUTION	3072 x 2048 @20fps / 1920 x 1920@30fps
LIGHT SENSIVITY	0.01Lux 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. f1.6mm F=2.0 360°
ELECTRONIC SHUTTER	Auto / User 1/5 - 1/10,000 ; 50/60Hz software selectable
MEMORY CARD	Micro SDXC Max 64GB
SIGNAL NOISE RATIO	60dB

IR ILUMINATION

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

VIDEO

COMPRESSION	H-264 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)
COMPLIANCE	Onvif v2.42 (Profile S)
RTSP VIDEO	Standard RFC2326, Support Quicktime / VLC Player. User security authentication (Enabled / Disabled)
WEB LANGUAGE	English, Chinese, Russian, Polish
RECORDING SIMOULTANEOUSLY	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	IP66 / IK10
TEMPERATURE	-4°F to 131°F -20°C TO 55°C
OPERATING HUMIDITY	10% - 85% RH

CERTIFICATIONS

CE	Yes
FCC	Yes
RoHS	Yes

Φ162 mm(6.37")   50,8mm(2")