

- CMOS PROCESSOR
- HIGH RESOLUTION: 1920 X 1080 pixels 1080p
- H.264 VIDEO COMPRESSION
- MULTISTREAM
- IP66 ENVIRONMENTAL PROTECTION
- SD CARD SLOT UP TO 64GB
- REMOTE MONITORING (ANDROID, IOS)
- ONVIF PROTOCOL



GENERAL DESCRIPTION

The BN5009M2M is a hybrid dome camera (IP and analog) with the best characteristics for indoor and outdoor installations with IP66 environment protection. Its 3-axis design and IP66 weather rating allows it for a variety of installation options. The small design is perfect for a discrete location with HD quality imagery.(1920x1080 Resolution)

In today's evolving industry, image quality is not enough to verify that an incident is taking place. Bolide Technology Group with its iPacHD line, pushes the envelope further than standard CCTV systems. Bolide has moved forward leading the industry by expanding into a full line of HD cameras. This new HD line brings possibilities such as video analytics, facial recognition and vehicle plate recognition into a reality. These new features allow the end user to maximize their investment by having better support and increasing efficiency. Better management functions and meeting operational requirements lead to not only a better value but a better overall security solution.

A full HD image of 1920 x 1080 is approximately four and a half times better than a standard IP camera transmitting VGA sized images.

iPacHD supports H.264 compression standard that has become the industry standard. iPacHD delivers a multi-streaming function that allows up to 3 streams that are adjustable to lower or higher resolutions to fit any investigative challenge or need. All iPac cameras include two-way audio, BNC analog port, back up SD slot and NAS compatibility with CIFS or FTP protocol. The ONVIF protocol allows for a wide variety of compatibility for integration with other systems. Finally, the ANDROID and IOS compatibility allowing for remote monitoring what makes iPacHD universally compatible and an all in one solution.

OPTICAL INFORMATION

IMAGE SENSOR	Sony Exmor 1/2.8"
SIGNAL SYSTEM	NTSC/PAL
CAMERA TYPE	Color Day/Night with ICR filter
RESOLUTION	1920x1080
MINIMUM ILLUMINATION	0.1 lux @ F1.2 (0 lux IR ON)
DYNAMIC RANGE	Variable 0~100
WHITE BALANCE	Auto/Manual
AGC	Auto/Fixed 8~102db
ORIENTATION	Horizontal Mirror / Vertical Flip
BLC	Auto/On-Off
ELECTRONIC SHUTTER	Auto/Manual 1/5-1/50,000 ; 50/60Hz
TEXT OVERLAY	Time / Date / Camera / Custom OSD
OSD/CONTROL MODE	Yes
GAMMA	0,45
VIDEO OUTPUT	Ethernet RJ45 / BNC 75 Ohm

LENS

LENS TYPE	3.6mm Mega Pixel IR Coated
ANGLE OF VIEW	77(H)/54(V)/100.2(D)
IRIS CONTROL	Auto/Manual

IR ILLUMINATION

INFRARED WAVELENGTHH	1pc. Super Flux LED 850nm
INFRARED LAMP IRRADIATION DISTANCE	20ft / 6.1 meters

AUDIO

INPUT	Optional Microphone: 1x RCA
OUTPUT	1x RCA Output @ 1v Line Level
COMPRESSION	G711 Alaw, G711 U-Law, RAW, PCM

ELECTRICAL

INPUT VOLTAGE	12V DC / PoE Class 3
RECOMMENDED POWER SUPPLY	

MECHANICAL

DIMENSIONS	100mm dia. / 53mm height
WEIGHT	0.66pounds
3 AXIS	Yes

CERTIFICATIONS

CE	Yes
FCC	Yes
RoHS Compliant	Yes

VIDEO

COMPRESSION	H.264 High Profile / MJPEG
FRAME RATE	1920x1080@30fps
VIDEO STREAMS	3 Simultaneous streams two with H.264, one with MJPEG stream Stream 1 50Kbps - 12 Mbps Stream 2 10Kbps - 6 Mbps Stream 2 (MJPEG Fixed)
STREAMING QUALITY	1-9
MOTION DETECTION	Yes
MASKING	3 user defined privacy masking

INTERFACES

ALARM INPUT	1 x No/NC
ALARM OUTPUT	1 x No/NC
NETWORK INTERFACE	1 CH RJ-45 10M/100M self-adaptive Ethernet

RECORDING

RECORDING	Local Micro SD/HCS D Card, Remote FTP, TCP/UDP CMS, RTSP HTTP, TCP/IP, UDP/IP, RTSP, FTP, DHCP, NTP, PPOE. Unicast and Multicast supported. Video Streaming from NVMS or 3rd party Software. User Port setting for Web port, RTSP Port, and SDK Control Port and Alarm Port
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NETWORK PROTOCOLS

ENVIRONMENTAL

OPERATING TEMPERATURE	14F ~ 131F
OPERATING HUMIDITY	10% - 85% RH
ENVIRONMENTAL PROTECTION	IP66/IK10

GENERAL

USERS	Multi Admin/User
WEB BROWSER	IE, Firefox, Chrome, Safari, Nav, Opera
SECURITY	IPv4/IPv6 (DHCP / Fixed)
MOTION DETECTION	Yes
SD CARD	Micro SD (max 64GB)
PoE	Yes
COMPLIANCE	Onvif v22 (Profile S)
RSTP VIDEO	Standard RFC 2326, Support Quicktime/VLC Player.
SMARTPHONE VISUALIZATION	iOS, ANDROID