

## iPacNX

THE NEXT GENERATION



## HIGHLIGHTS

- 1/3" Progressive Scan CMOS
- Compression H.265 / H.264
- Built-In POE
- IR Distance up to 75 ft.
- 3.6 mm Lens

The new iPac NX series features up to 5 Mega Pixels of stunning Ultra HD resolution combined with the Next Generation of compression standards - High Efficiency Video Coding (HEVC / H.265)- which allows for bitrates nearly half those of other cameras utilizing older H.264 compression technology. The iPac NX series offers double the storage and half of the bandwidth requirements without sacrificing resolution or frame rate.

MECHANICAL SPECIFICATIONS	
Image Sensor	1/3" Progressive Scan CMOS
Minimum Illumination	0.01Lux @(F1.2,AGC ON), 0.02Lux @(F1.2,AGC ON), 0 Lux with IR
Shutter Speed	1/5 s – 1/20,000 s
Lens Type	3.6mm
Lens Mount	M12
Day and Night	IR Cut Filter with Auto Switch
Dynamic Range	Wide Dynamic Range
Digital Noise Reduction	2D / 3D DNR
COMPRESSION	
Video Compression	H.265 / H.264 / MJPEG
Image Resolution	Up to <b>5MP</b> (2592 X 1520)
Video Bit Rate	256K-8M
IMAGE	
Frame Rate	<b>5MP</b> (2560 X 1920) @ 15fps, <b>4MP</b> (2592 X 1520) @ 20fps, <b>3MP</b> (2048 x 1536) @ 30fps, <b>1080P</b> (1920 x 1080) @ 30fps, <b>720P</b> (1280 x 720) @ 30fps - 960H (1280 x 960), <b>Substream</b> @ 30 fps, <b>D1</b> (704 x 480) - VGA (640 x 480) - QVGA (320 x 240) @30 fps, <b>Mobilestream</b> @ 10 fps, <b>QVGA</b> (320 X 240) - @1-30 fps
Image Settings	Rotate Mode, Saturation, Brightness, Contrast, Sharpness, and adjustable browser
Day and Night Switch	Auto / Schedule / Triggered by Alarm In
INTERFACE	
System Compatibility	ONVIF 2.4, RTSP
Interface	1 RJ45 10M / 100M Ethernet Interface
IR Distance	Flux IR Up to 75 ft.
POE	Built-In POE
Security	Flash-Prevention, Dual Stream, Heartbeat, Mirror, Password Protection, Privacy Mask, IP Address Filtering
ELECTRICAL	
Power Supply	12 VDC ± 10%, POE (802.3af)
Power Consumption	Max. 5 W (Max. 7W with IR cut filter on)
Operating Temp.	-22 °F - 140 °F Humidity 95% or less (non-condensing)
PHYSICAL	
Dimensions	5.7" x 2.7" x 2.8"
Net Weight	0.78 lbs.
Weather-Rating	IP66 Rated