



HIGHLIGHTS

- 2.8 mm Wide Angle Lens
- H.265 Compression
- Built-In POE
- IR Distance up to 75 ft.
- IP66 Weather-proof Housing
- BNC Output
- Two-Way (Audio In/Out)
- Edge Recording

The new iPac NX series features up to 4 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	0.01 Lux @(F1.2,AGC ON), 0.028 Lux @ (F1.2,AGC ON), 0 Lux with IR
Shutter Speed	1/5 s – 1/20,000 s
Lens Type	2.8 mm
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	4MP (2592 x 1520) 3MP (2048 x 1536) 1296P (2304 x 1296) 1080P (1920 x 1080)
Video Bit Rate	256K-8M
IMAGE	
Frame Rate	4MP (2592 X 1520) @ 20fps 3MP (2048 x 1536) @ 30fps 2MP 1296P (2304 x 1296) @ 30fps 1080P (1920 x 1080) @ 30fps 720P (1280 x 720) @30 fps - 960H (1280 x 960) Substream @ 30 fps D1 (704 x 480) - VGA (640 x 480) - QVGA (320 x 240) @30 fps Mobilestream @ 10 fps QVGA (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, RSPS
Interface	1 RJ45 10M / 100M Ethernet Interface
IR Distance	Up to 75 ft.
POE	Built-In POE
Edge Recording	Micro SD slot
Security	Flash-Prevention, Dual Stream, Heartbeat, Mirror, Password Protection, Privacy Mask, IP Address Filtering, SRTP
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	
Net Weight	1 lb.
Weather-Rating	IP66 Rated and IK10