

Features

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. With options including Edge recording, alarm input/output, audio input/output. The iPac NX series is perfect for any application.

Mechanical specifications

Image Sensor	1/3" Progressive Scan CMOS
Minimum Illumination	0.01Lux @(F1.2,AGC ON), 0.028Lux @(F1.2,AGC ON), 0 Lux with IR
Shutter Speed	1/5 s – 1/20,000 s
Lens Type	No lens, External
Lens Mount	CS mount
Day and Night	Filter with Auto Switch
Dynamic Range	Wide Dynamic Range 120db
Digital Noise Reduction	2D / 3D DNR

Compression

Video Compression	H.265 / H.264 / MJPEG
Image Resolution	Up to 4MP (2592 X 1520)
Video Bit Rate	256K-8M

Image

Frame Rate	4MP (2592 X 1520) @ 20fps, 3MP (2048 x 1536) @ 30fps, 2MP (2304 x 1296) @ 30fps, 1080P (1920 x 1080) @ 30fps, 720P (1280 x 720) @ 30fps - 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	ONVIFS, RTSP
Interface	1 RJ45 10M / 100M Ethernet Interface / RS-485
Alarm / Audio	1 I/O Alarm interface / 1 I/O Audio interface
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	6' x 2,5' x 2,8'
Net Weight	1.43 lb
Weather-Rating	IP66 Rated



4MP Ultra HD



H.265 Compression



POE



Day / Night



IP66



WDR

Highlights

- 1/3" Progressive scan CMOS
- Compression H.265 / H.264
- Built-In POE
- Audio I/O
- Alarm I/O

Dimension

