

NDF820

Dome camera for high definition

1/3" 2M Lumii sensor, H.264/MJPEG/MPEG4 triple streaming digital day/night, 4mm focal lens, 1080P



The NDF820 Network Camera is a high performance HD camera designed to show extreme image detail. H.264/MPEG4/MJPEG triple streaming, motion detection, day and night functionality ensures you don't miss anything. This camera is ideal for situations where maximum image quality is vital, such as identifying people or specific objects.

features		
2MP Lumii sensor	TI DSP	Megapixel
Networking	Slow Shutter 1/375 SCC	Motion Detection
Remote Control	B&W	3 Axis rotation
MJPEG	MPEG4	H.264
PoE	Monitor out	0.1 Lux Minimum illumination

■ High Definition Images

Clear and detailed HD quality images in all conditions. Unlike traditional megapixel cameras, HD offers higher resolutions and better frame rates at an international industry standard. Blurry images are reduced and individuals and objects of interest come through in perfect clarity.

■ Cost-saving H.264 Support

The NDF820 Network Camera supports the H.264 compression standard. H.264 greatly reduces the size of video compared to MJPEG and MPEG4 without compromising image quality. Storage and bandwidth needs are reduced. Plus, H.264 is expected to become the video standard of choice, so your camera is future proofed.

■ Versatility with PoE

Built in support for Power Over Ethernet reduces cost and adds flexibility to the camera. A single cable connection is used to view, power, and control the camera. Installation cost and space are reduced since there is no need for separate cables. Ensure 24 hour a day surveillance even during a power failure when connected to an Uninterruptible Power Supply.

■ Attention Where It Matters

Intelligent video management software includes motion detection, and event trigger notification. Motion detection sensitivity settings and region specific monitoring ensures only relevant events are monitored. Receive alerts when specific events happen.

Specification

Image System		
Image sensor	1/3" 2 MP image sensor optimized for low-light performance	
Effective pixels	Effective 16:9 1920 (H) X 1080 (V)	
Image Compression Method	Triple Streaming : H.264 / MPEG4 / Motion JPEG	
Video Codec/Resolution	H.264	HDTV(16:9): 1920X1080(2M)@15fps; 1280X720@30fps
		SDTV(4:3): 1280x960(SXVGA)@30fps
	MPEG4	HDTV(16:9): 1920X1080(2M)@15fps; 1280X720@30fps
		SDTV(4:3): 1280x960(SXVGA)@30fps
	MJPEG	HDTV(16:9): 1920X1080(2M)@15fps; 1280X720@30fps
		SDTV(4:3): 1280x960(SXVGA)@30fps
Lens	Built-in fixed lens f=4mm (factory option: 2.8mm; 6mm; 8mm), F1.5	
Electric		
Sync System	Internal	
AES	1/10000 s to 1/3.75s (selectable)	
View Angle	65.4°(H) x 49.9°(V)	
Minimum illumination	0.1 Lux (10 IRE)	
Video port	BNC X1, 1.0Vp-p, 75Ω / RCA x 1	
TV output	NTSC, 720 X 480 @30fps PAL, 720 X 576 @25fps	
Feature		
Exposure mode	Auto/Manual	
BLC	5 x 5 zones selectable	
White Balance	Auto/Manual	
Sharpness	255 level sensitivity	
Saturation	255 level sensitivity	
Brightness	255 level sensitivity	
Contrast	255 level sensitivity	
Motion detection	Yes; 5 x 5 Motion detection zones & 5 level sensitivity or customized threshold	
Digital Day / Night	Yes	
Other	Mirror, Flip, system log, snapshot	
Power Supply		
Power requirement	DC 12V & AC 24V ± 10% / POE(IEEE 802.3af)	
Power consumption	< 5W	
Environment		
Operating temperature	-10°C ~ 50°C (14°F ~ 122 °F)	
Operating humidity	10~ 90% RH	
Storage temperature	-20°C ~ 60°C (-4°F ~ 140 °F)	
Network		
Ethernet	10Base-T/100Base-TX Ethernet connection for LAN / WAN	
Internet protocol	TCP/IP, UDP, HTTP, SMTP, DNS, DHCP, NTP, FTP, RTP,RTSP, ICMP, uPNP	
IP	IPv4	
Connectors	RJ-45	
Browser	IE browser 6.0 or above	
I/O Connector		
Connectors	RJ-45	
Reset	Within 5 sec for rebooting system; more than 5 sec for loading default	
Mechanism		
Dimensions(ΦxH)	Φ138xH102 (mm)	
Weight	TBD	
Ordering Information		
	NDF820-HN5 NDF820-HP5	