

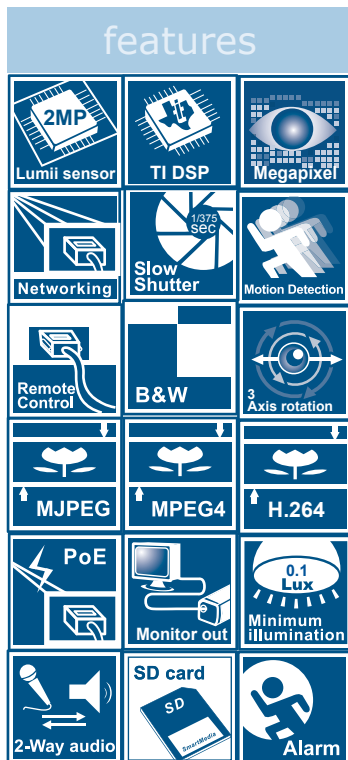
## NDF821

### Dome camera for high definition

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



The NDF821 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 and SD card 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.



#### ■ 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 NDF821 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 are reduced since there is no need for separate cables. Ensure 24 hour 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.

#### ■ Continuous No-Interruption Recording

Record JPEG images or video clips for several days with the built in SD card slot for up to 32 GB. Keep recording and prevent data loss even when the network goes down. The SD card offers a convenient, portable storage option that can be accessed with a web browser.

#### ■ Lumii 2 Technology

Our Lumii technology delivers high sensitivity images without blur. Lumii helps increase the sensitivity and reduces video noise in low light conditions. Night images become bright and clear.

## Specification

<b>Image System</b>		
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)	
<b>Electric</b>		
Sync System	Internal	
AES	1/10000 s to 1/3.75s (selectable)	
Audio	Two-way Mono Audio, Full-duplex, G.711 PCM 8kHz	
Alarm	2 DI / 1 DO	
RS485	Reserve	
View Angle	30.4°~101.0°(H) x 23.0°~75.0°(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
<b>Feature</b>		
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, CBR/VBR	
<b>Local Storage</b>		
Memory Card	Micro SD/ SDHC Card up to 32 GB	
SD card overwrite	Yes	
SD card store category	Alarm / Schedule / Motion	
<b>Power Supply</b>		
Power requirement	DC 12V & AC 24V ± 10% / POE(IEEE 802.3af)	
Power connector	Screwless Terminal block	
Power consumption	< 5W	
<b>Environment</b>		
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)	
<b>Network</b>		
Ethernet	10Base-T/100Base-TX Ethernet connection for LAN / WAN	
Internet protocol	TCP/IP, UDP, HTTP, HTTPS, SMTP, DNS, DHCP, NTP, FTP, RTP,RTSP, ICMP, uPNP	
IP	IPv4	
Connectors	RJ-45	
Browser	IE browser 6.0 or above	
<b>I/O Connector</b>		
Alarm port	Terminal block 2 in / 1 out	
Audio In / Out port	3.5mm Phone Jack x 2	
Reset	Within 5 sec for rebooting system; more than 5 sec for loading default	
<b>Mechanism</b>		
Dimensions(ΦxH)	Φ138xH102 (mm)	
Weight	TBD	
<b>Ordering Information</b>	<b>NDF821-HN5</b>	<b>NDF821-HP5</b>