



3 Megapixel Resolution
 Infrared LED for Night Vision
 Mechanical IR-Cut Filter
 Micro SD Memory Slot
 Power over Ethernet (PoE)
 12 IR LED up to 32ft
 3AXIS



3 MEGAPIXEL IP WDR INDOOR IR DOME CAMERA with ICR

ONVIF H.264

FEATURES

- ▶ Full HD IP WDR plastic dome Camera with IR LED
- ▶ Small model design with Mechanical ICR
- ▶ Service BNC output
- ▶ Audio input and Audio output
- ▶ Micro SD memory slot
- ▶ Varifocal lens 3.3-12mm
- ▶ 3Axis movement, recess mounting option.
- ▶ 12pcs IR LED for 10-15 meters IR distance
- ▶ Easy installation
- ▶ DC12V/PoE

NID A312FD	
Sensor	Aptina 1/3" WDR CMOS
Max Res. / Max Frame Rate	2048×1536 / 20fps
Min. Illumination	0.5Lux @ F1.2 (Color)
CAMERA	
Day/Night	True Day / Night with ICR Filter
Lens	2.8-12mm Vari-focal IR Corrected DC Auto IRIS (3.3-12mm on 2/3/5 Mega Pixel Models)
Horizontal Field of View	79.3° - 29.8°
Video Output	Internal Service RCA output for BNC Video with IP Address OSD
Electronic Shutter	Auto / User 1/5 - 1/50,000; 50/60Hz software selectable
VIDEO	
Compression	H.264 High/Main/Base Profile, Stream1 H.264, Stream2 H.264 or MJPEG
Streaming	Stream1 Full Resolution, Stream2 VGA / D1 / CIF or QCIF selectable
Quality Setting (VBR)	1 - 9 (9 Highest)
I Frame	User selection value 1, 2 or 3, Default 2
Brightness / Sharpness	Variable 0-100 / 0-100
Gain Control	Auto / Fixed 8-102 dB
Orientation	Horizontal Mirror / vertical Flip
Text Overlay	Time / Date / Camera / Custom OSD
Masking	5 User defined masking areas < 8% of total picture
NETWORK	
Ethernet	1 Ethernet (10/100 Base-T) RJ45 Connector
TCP/IP	IPv4 / IPv6 (DHCP / Fixed)
Compliance	Onvif v2.2 (profile S)
RTSP Video	Standard RFC2326, Support Quicktime / VLC Player. User security authentication (Enabled / Disabled)
Web Language	English, Chinese, Russian, Polish
Recording Simultaneous	Local Micro SD Memory, Remote FTP server, TCP/UDP CMS, RTSP connection (Stream 1,2 or 3)
Network Protocols	HTTP, TCP/IP, UDP/IP, RTSP, FTP, DHCP, NTP, PPPoE, NTP, Unicast and Multicast supported. Video streaming from SDK & NVMS / NVR software or 3rd party applications. User Ports setting for Web port, RTSP Port, and SDK Control Port and Alarm Port.
AUDIO	
Input/Output	Inbuilt Microphone Cable 1 × RCA Input / 1 × RCA output @ 1V Line Level
Audio Compression	G711 A-law, G711 u-law, RAW_PCM
GENERAL	
Power	12V DC / PoE 802.3af Class 2 Max 5.1W / Class 3 with IR LED Model Max 6.9W
Temperature	Operating 14 °F to 131 °F (-10 °C to 55 °C) Storage: -4 °F to 140 °F (-20 °C to 60 °C)
Operating Humidity	10% - 85% RH
Approvals	CE / FCC / RoHS Compliant
Product Dimensions	130×112 mm (5.1×4.4)