Full HD Pancake IP Camera

NV21-0MH



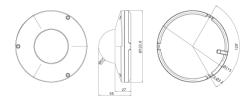


CNB NV21-0MH is a Dual-Codec (H.264/MJPEG)

2 megapixel IP camera with vandal proof housing for indoor and outdoor applications. Multiple simultaneous video streams of differentiated resolutions and frame rates will ensure highest quality service while enabling simultaneous connections through lower speed networks. Dark Hunter technology is the most optimized solution for indoor and outdoor surveillance in low-light conditions by using superior CMOS sensor with low-light sensitivity ISP sensor.

Dark Hunter is especially beneficial in poor lighting environments, efficiently reducing noise and ghosting while maintain a color image without the use of IR LEDs.

DIMENSIONS



ACCESSORY







Wall Mount (AWM101)



Pole Mount (APE101)



Junction Box (AJB101)



Pendant Mount (APM101)



(ACM101)



Corner Mount DC 12V Adapter (AAD401)

FEATURES

- Full HD Pancake IP Camera
- 1/3" Progressive scan CMOS Sensor
- Dual-Codec (H.264/MJPEG)
- Progressive scan megapixel (2M CMOS)
- Multi profile streaming (5 different streams per Resolution, Frame, Rate, Codec)
- Digital PTZ, video crop
- Analog video output (CVBS)
- Built-in standard PoE
- Two-way audio communication
- Dark Hunter
- 3-Axis Lens mount
- Compact design & Easy installation
- Vandal proof, Weather proof (IP66)





Full HD Pancake IP Camera





Image sensor Progressive scan 1/3 inch CMOS 2M pixels Full resolution 1,920 x 1,080 pixels (Full HD) Sync System Internal Lens Optional 2.9, 3.6, 6mm Fixed Day & Night AUTO, DAY, NIGHT Sensitivity Dark Hunter Max - 0,0005 Lux Back Light Compensation ON / OFF White Balance ATW(2,000K – 10,000K) / MANUAL / PUSH Exposure ESC WDR ON/ OFF 3D-DNR O – 20 Dark Hunter AUTO ON (Max. x32) / OFF Privacy Mask ON / OFF (1 Programmable Zone) Motion Detection ON / OFF (3 Programmable Zone) Digital Zoom X1 ~ X12 Mirror H / V / Rotate DEFOG ON / OFF OSD / Language BUILT IN Internally (English) Video Video Video Compression method Simultaneous Dual Codec (H.264 / MJPEG) Resolution 1,920 x 1,080@30fps - 5 simultaneous video profiles - Select the codec type, resolution and frame rates for each profile. Intelligent Bit-Rate Control Hybrid Bit Rate control (VBR+CBR) PTZ Digital PTZ & Video crop Image Setting Text overlay, Privacy mask, De-interlace filter Motion detection 3 regions Audio Nono Upstream ASKbps G-726 ADPCM, 64Kbps 16bit µ-law PCM~ Mic/ Line-in Mono Downstream 64Kbps 16bit µ-law PCM ~ Line-out Network Network Protocol PAPS, Dyp, ICMP, ARP, RARP, PPPOE, RTCP, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPPP, NTP, DNS, DynDNS Streaming method - Streaming - User ID & Password protection, IP address filtering - Digest Authentication, User Access Log Streaming method - PRESS Streaming - HTTP Streaming - Onvif Profile-S		
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Digital Zoom X1 ~ X12 Mirror H/V/Rotate DEFOG ON/OFF OSD / Language BUILT IN Internally (English) Video Compression method Simultaneous Dual Codec (H.264 / MJPEG) Resolution 1,920 x 1,080@30fps - 5 simultaneous video profiles - Select the codec type, resolution and frame rates for each profile. Intelligent Bit-Rate Control Hybrid Bit Rate control (VBR+CBR) PTZ Digital PTZ & Video crop Image Setting Text overlay, Privacy mask, De-interlace filter Motion detection 3 regions Audio Mono Upstream 32Kbps G.726 ADPCM,64Kbps 16bit µ-law PCM ~ MIC / Line-in Mono Downstream 64Kbps 16bit µ-law PCM ~ Line-out Network Network Network Protocol PPv4, TCP, UDP, IGMP, ICMP, ARP, RARP, PPPOE, RTCP, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPPN, NTP, DNS, DynDNS Dynamic IP Supported Security - User ID & Password protection, IP address filtering - Digest Authentication, User Access Log - RTSP streaming with proprietary format for control informations - Standard RTSP streaming - HTTP streaming	Privacy Mask	ON / OFF (1 Programmable Zone)
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DEFOG OSD / Language BUILT IN Internally (English) Video Compression method Simultaneous Dual Codec (H.264 / MJPEG) Resolution 1,920 x 1,080@30fps - 5 simultaneous video profiles - Select the codec type, resolution and frame rates for each profile. Intelligent Bit-Rate Control Hybrid Bit Rate control (VBR+CBR) PTZ Digital PTZ & Video crop Image Setting Text overlay, Privacy mask, De-interlace filter Motion detection 3 regions Audio Mono Upstream 32Kbps G.726 ADPCM, 64Kbps 16bit μ-law PCM ~ MIC / Line-in Mono Downstream 64Kbps 16bit μ-law PCM ~ Line-out Network Network Network Protocol PP4, TCP, UDP, IGMP, ICMP, ARP, RARP, PPPOE, RTCP, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, NTP, DNS, DynDNS Dynamic IP Supported - User ID & Password protection, IP address filtering - Digest Authentication, User Access Log - RTSP streaming with proprietary format for control informations - Standard RTSP streaming - HTTP streaming	Digital Zoom	X1~X12
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Motion detection 3 regions Audio 32Kbps G.726 ADPCM,64Kbps 16bit μ-law PCM ~ MIC / Line-in Mono Downstream 64Kbps 16bit μ-law PCM ~ Line-out Network Network Protocol IPv4, TCP, UDP, IGMP, ICMP, ARP, RARP, PPPOE, RTCP, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, NTP, DNS, DynDNS Dynamic IP Supported Security - User ID & Password protection, IP address filtering - Digest Authentication, User Access Log - RTSP streaming with proprietary format for control informations - Standard RTSP streaming - HTTP streaming - HTTP streaming	PTZ	Digital PTZ & Video crop
Audio Mono Upstream 32Kbps G.726 ADPCM, 64Kbps 16bit µ-law PCM ~ MIC / Line-in Mono Downstream 64Kbps 16bit µ-law PCM ~ Line-out Network Network IPv4, TCP, UDP, IGMP, ICMP, ARP, RARP, PPPoE, RTCP, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, NTP, DNS, DynDNS Dynamic IP Supported - User ID & Password protection, IP address filtering - Digest Authentication, User Access Log - RTSP streaming with proprietary format for control informations - Standard RTSP streaming - HTTP streaming - HTTP streaming	Image Setting	Text overlay, Privacy mask, De-interlace filter
Mono Upstream 32Kbps G.726 ADPCM, 64Kbps 16bit μ-law PCM ~ MIC / Line-in Mono Downstream 64Kbps 16bit μ-law PCM ~ Line-out Network Network Network Protocol IPv4, TCP, UDP, IGMP, ICMP, ARP, RARP, PPPOE, RTCP, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, NTP, DNS, DynDNS Dynamic IP Supported - User ID & Password protection, IP address filtering - Digest Authentication, User Access Log - RTSP streaming with proprietary format for control informations - Standard RTSP streaming - HTTP streaming	Motion detection	3 regions
MIC / Line-in Mono Downstream 64Kbps 16bit µ-law PCM ~ Line-out Network IPv4, TCP, UDP, IGMP, ICMP, ARP, RARP, PPPoE, RTCP, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, NTP, DNS, DynDNS Dynamic IP Supported - User ID & Password protection, IP address filtering - Digest Authentication, User Access Log - RTSP streaming with proprietary format for control informations - Standard RTSP streaming - HTTP streaming - HTTP streaming	Audio	
Network IPv4, TCP, UDP, IGMP, ICMP, ARP, RARP, PPPoE, RTCP, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, NTP, DNS, DynDNS Dynamic IP	Mono Upstream	
IPv4, TCP, UDP, IGMP, ICMP, ARP, RARP, PPPOE, RTCP, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, NTP, DNS, DynDNS	Mono Downstream	64Kbps 16bit µ-law PCM ∼ Line-out
Network Protocol RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, NTP, DNS, DynDNS Dynamic IP Supported - User ID & Password protection, IP address filtering - Digest Authentication, User Access Log - RTSP streaming with proprietary format for control informations - Standard RTSP streaming - HTTP streaming	Network	
Security - User ID & Password protection, IP address filtering - Digest Authentication, User Access Log - RTSP streaming with proprietary format for control informations - Standard RTSP streaming - HTTP streaming	Network Protocol	RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP,
- Digest Authentication, User Access Log - RTSP streaming with proprietary format for control informations - Standard RTSP streaming - HTTP streaming	Dynamic IP	Supported
informations Streaming method - Standard RTSP streaming - HTTP streaming	Security	
	Streaming method	informations - Standard RTSP streaming - HTTP streaming

External Terminals	
LAN	10/100BaseT LAN (auto MDIX)
Analog output	1 channel D1 CVBS output of the encoding video
Alarm input / output	Alarm I/O (1 Sensor input & 1 Relay output)
Factory Reset	Supported
Other	MIC. Line in / Line out / DC 12V in
	wic, life iii/ Line out/ bc 12v iii
Installation	
Standard PoE	IEEE802.3af Supported
System Integration	
Intelligent Video	Motion Detection
Alarm Triggers	Intelligent Video + Sensor Input + Audio Detection
Alarm Events	Video file upload(FTP), Still Image(Email), Relay output
Alarm Buffer (Audio/Video)	configurable Pre-alarm (5~15 sec) & Post-alarm (10~60 sec)
Client Software	
NVR2	64ch (free of charge)
NVR2 Smart App.	64ch (free of charge) Android, iOS (free of charge)
Smart App.	•
Smart App.	Android, iOS (free of charge)
Smart App. Operating Environme	Android, iOS (free of charge) ent, Power, Dimensions
Smart App. Operating Environme Operating Temperature	Android, iOS (free of charge) ent, Power, Dimensions -10°C ~ 50°C
Smart App. Operating Environme Operating Temperature Operating Humidity	Android, iOS (free of charge) ent, Power, Dimensions -10°C ~ 50°C 8 ~ 80% RH
Smart App. Operating Environme Operating Temperature Operating Humidity Power	Android, iOS (free of charge) ent, Power, Dimensions -10° ~ 50° 8 ~ 80% RH DC 12V, 0.6A
Smart App. Operating Environme Operating Temperature Operating Humidity Power Dimensions (W x H x D)	Android, iOS (free of charge) ent, Power, Dimensions -10°C ~ 50°C 8 ~ 80% RH DC 12V, 0.6A Ø122mm(4.8") x 55mm(2.1")
Smart App. Operating Environme Operating Temperature Operating Humidity Power Dimensions (W x H x D) Weight	Android,iOS (free of charge) ent, Power, Dimensions -10℃ ~ 50℃ 8 ~ 80% RH DC 12V, 0.6A Ø122mm(4.8") x 55mm(2.1") 400g (0.88lbs)
Smart App. Operating Environme Operating Temperature Operating Humidity Power Dimensions (W x H x D) Weight Casing	Android,iOS (free of charge) ent, Power, Dimensions -10°C ~ 50°C 8 ~ 80% RH DC 12V, 0.6A Ø122mm(4.8") x 55mm(2.1") 400g (0.88lbs) AL, PC, IP66
Smart App. Operating Environme Operating Temperature Operating Humidity Power Dimensions (W x H x D) Weight Casing Approvals	Android,iOS (free of charge) ent, Power, Dimensions -10°C ~ 50°C 8 ~ 80% RH DC 12V, 0.6A Ø122mm(4.8°) x 55mm(2.1°) 400g (0.88lbs) AL, PC, IP66 FCC, CE, KC
Smart App. Operating Environme Operating Temperature Operating Humidity Power Dimensions (W x H x D) Weight Casing Approvals Package information	Android,iOS (free of charge) ent, Power, Dimensions -10°C ~ 50°C 8 ~ 80% RH DC 12V, 0.6A Ø122mm(4.8°) x 55mm(2.1°) 400g (0.88lbs) AL, PC, IP66 FCC, CE, KC