Fusion IR Full HD Pancake IP Camera

NV21-0MHR

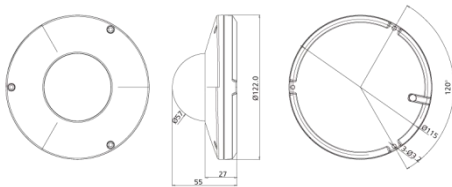**CNB** Digital Security Systems logo (CNB TECHNOLOGY Inc.)

CNB NV21-0MHR 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. Furthermore, it can get much vivid image using Super IR LED in extremely low light conditions compared with using conventional IR LED.

DIMENSIONS

ACCESSORY

Adaptor Plate
(AAP101)

Wall Mount
(AWM101)

Pole Mount
(APE101)

Junction Box
(AJB101)

Pendant Mount
(APM101)

Corner Mount
(ACM101)

DC 12V Adapter
(AAD401)

FEATURES

- Fusion IR 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 + Super IR LED
- 3-Axis lens mount
- Compact design & Easy installation
- Vandal proof, Weather proof (IP66)

Dark Hunter

0.2Lux

IR Camera (Full HD, 30fps)

Dark Hunter (Full HD, 30fps)

Normal Camera (Full HD, 30fps)

Client Software

NVR2 (64ch)

Web viewer

CNB Digital Security Systems

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 / IR LED on : 0 Lux
Back Light Compensation	ON / OFF
White Balance	ATW(2.000K ~ 10,000K) / MANUAL / PUSH
Exposure	ESC
WDR	ON / OFF
3D-DNR	0 ~ 20
Dark Hunter	AUTO ON (Max. x32) / OFF
Privacy Mask	ON / OFF (10 Programmable Zone)
Motion Detection	ON / OFF (4 Programmable Zone)
Digital Zoom	X1 ~ X12
Mirror	H / V / Rotate
DEFOG	ON / OFF
OSD / Language	BUILT IN Internally (English...)
Super IR LED	2EA

Video

Compression method	Simultaneous Dual Codec (H.264 / MJPEG)
Resolution	1,920 x 1,080@30fps
Multi-Profile Streaming	- 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 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
Streaming method	- RTSP streaming with proprietary format for control informations - Standard RTSP streaming - HTTP streaming - Onvif Profile-S

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

Installation

Standard PoE	IEEE802.3af Supported

System Integration

Intelligent Video	Motion Detection
Alarm Triggers	Motion Detection + 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)
Smart App.	Android, iOS (free of charge)

Operating Environment, Power, Dimensions

Operating Temperature	-10℃ ~ 50℃
Operating Humidity	8 ~ 80% RH
Power	DC 12V, 0.6A
Dimensions (W x H x D)	Ø122mm(4.8") x 55mm(2.1")
Weight	400g (0.88lbs)
Casing	AL, PC, IP66
Approvals	FCC, CE, KC
Package information	IP camera, CD (User's guide, Software…)

Optional Items

Local storage	Micro SD card
Adapter	DC 12V, 1.5A