KB3-N041F36iW
4MP Network IR WDR
Bullet Camera

ONVIF

DESCRIPTION

The KB3-N041FxxiW series is professional network bullet cameras; it incorporates a 4MP 1/3-type CMOS image sensor providing smooth, 4M (2688x1520) outstanding crisply detailed vibrant images with extremely low noise making it ideal for professional video security and surveillance applications via intelligent detection: intrusion and tripwire; in addition to tamper detection and event trigger (scene change, network disconnection, IP address conflict, illegal access, storage problem)

The KB3-N041FxxiW bullet cameras support massive features such as motion detection, image flip, true 120dB wide dynamic range, backlight compensation, highlight compensation, day and night (ICR), 3D digital noise reduction, privacy masking for 4 positions, smart IR for 30 meters distance in low luminance or totally dark environments ensuring that every detail is seen clearly

The KB3-N041FxxiW bullet cameras provide high quality image with ultra low bit rate H.264+ and H.265+ video compressions; coming in weatherproof IP67 outdoor compact enclosure with 12V DC and POE operations

MAIN APPLICATIONS

- Professional Video Surveillance Applications in small to medium sized rooms, offices, meeting rooms and outdoor security applications for providing safe working, living and entertaining environments with intelligent analysis and high resolution

- Indoor and Outdoor Applications thanks to the small size compact decorative design and the IP67 Ingress Protection

MAIN FEATURES

- **4MP 1/3" CMOS Sensor**
- **2688x1520@20fps**
- **Day & Night (ICR)**
- **HLC, BLC**
- **Digital Noise Reduction (3D)**
- **Privacy Mask Function**
- **Intelligent Analysis**
- **120dB WDR**

- **Region of Interest**
- **H.264/H.265 Compressions**
- **Smart IR LED (30m)**
- **Image Flip**
- **12VDC/POE**
- **ONVIF Compliant**
- **IP67**

R&D is constantly improving our products therefore specifications, features and appearance are subjected to change without notice

KB3-N041F36iW 4MP Network IR WDR Outdoor Bullet Camera

TECHNICAL SPECIFICATIONS

CAMERA

Image Sensor	1/3'' 4MP Progressive CMOS Sensor
Active Pixels	2688(H) x 1520(V) = 4.085M Pixels
Frame Rate	Main Stream: 4M@1fps-20fps/3M@1fps-30/25fps Sub Stream: D1@1fps-30/25fps
Min Illumination	0.08lux @F2.0
IR Control	Manual/Auto
IR Distance	30 meters (98.4ft)
Pan/Tilt /Rotation	Horizontal 0°~360° Vertical 0°~90° Rotation 0°~360°

LENS

Lens Type	Fixed		
Focal Length	3.6mm		
Max. Aperture	F2.0		
Angle Of View	2.8mm	104°	57°
H,V	3.6mm	87°	48°

VIDEO

Video Compression	H.265, H.264H, MJPEG (Sub Stream)
Smart CODEC	Available (H.265+,H.264+)
Stream Cability	Dual Streaming
Resolution	4M(2688x1520),3M(2304x1296),1080p(1920x1080), 720P(1280x720), D1(704x576/480), VGA (640x480), CIF (352x288/240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 32K~10240Kbps, H.265: 12K~8448Kbps
Intelligent Analysis	Tripwire, Intrusion
Event Trigger	Motion Detection, Video Tampering, Scene Changing Network Disconnection, IP address Conflict, Illegal Access, Storage anomaly

CAMERA FUNCTIONS

Day & Night	Auto(ICR) / Color / B/W
BLC Mode	BLC/HLC/120 dB WDR
DNR	3D
Digital Zoom	16x
Privacy Mask	Off / On (4 positions)
Gain Control	Manual/Auto
White Balance	Auto /Natural /Street Lamp / Outdoor / Manual
Region of Interest	Available (4 positions)
Motion Detection	Available (4 positions)
Electronic Shutter Speed	Auto/Manual 1/3~1/100000 sec
Smart IR	Available
Mirror	Available

NETWORK

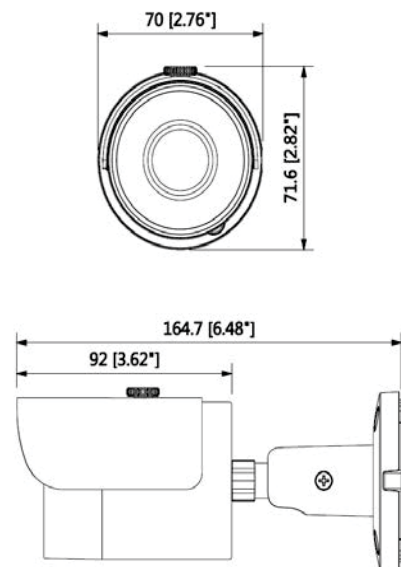|	
Network	RJ-45 (10/100Base-T)
Users	Up to 10/20
Protocol	IPv4,IPv6,HTTP,HTTPS,TCP,UDP,ARP,RTP,RTSP,RTCP, SMTP,FTP,DNS,DDNS,QoS,UPnP,NTP,TLS,ICMP,IGMP Multicast,PPPoE,IEEE802.1x,Bonjour
Browser	IE, Chrome, Firefox
Mobile Phone	IOS, Android
Compatibility	ONVIF (Profile S,Profile G), API

ENVIRONMENT

Storage	- 30°C to +60°C, -22F° to 140°F
Operation	-30°C to +60°C, -22F° to 140°F
Humidity	80%RH (non condensing) less than 95%(non condensing)
Altitude	3000 meter maximum, 10,000 feet maximum

GENERAL

Power Source	DC12V /POE (802.3af Class0)
Power Consumption	5.5W
Ingress Protection	IP67
Weight	0.44Kg

DIMENSIONS
Unit : mm

70 [2.76"]
71.6 [2.82"]
164.7 [6.48"]
92 [3.62"]

Conversion: 1" = 25.4mm
Measurement conversions are approximate