N336ZD1
N336ZD1P

FLIR IP™

2.1MP 12x PTZ IP Camera

The FLIR 1080p HD 12X PTZ IP camera delivers outstanding picture quality both day and night – even in harsh weather conditions – for optimized perimeter monitoring. The powerful 12x optical zoom enables clear identification of objects at extended distances. Conveniently view live or recorded video remotely via the new FLIR Cloud's CMS and advanced mobile apps.

HD IN REAL TIME
Outstanding picture quality day and night

• Supports 1080p HD @ 30 fps / 720p @ 60 fps

• 2.1 MP HD, Sony Exmor™ 1/3″ CMOS Progressive Scan

• True Day/Night with ICR (IR cut filter) enables optimized night vision plus it ensures accurate color reproduction by day

12X OPTICAL ZOOM
PTZ perimeter monitoring and identification at extended distances

• 12x optical zoom (5.1 mm~61.2mm) enables extended-range identification

• High speed 300°/s pan speed, 360° continuous pan rotation

• Up to 255 preset positions, 5 auto scans, 8 tours, 5 patterns

RUGGED DESIGN
Arctic pro technology with built-in heater and IP66 weatherproof

• ArcticPro Technology for harsh climates (minimum operating temperature -40°F)

• IP66 weatherproof. Wall mount bracket included, ceiling mount available

• POE+ (802.3at) power option. 24V AC Power supply included (N336ZD1 only)

FLIR CLOUD REMOTE VIEWING
Remote access via iOS, Android, PC/Mac with FLIR Cloud

• Centralized viewing and control of up to 64 cameras on each screen with PC/Mac

• Access live or recorded video at any time on your iPhone / Android / iPad

• Advanced mobile app features including remote playback, push notifications for motion/alarm, E-map, manual record/snapshot to device
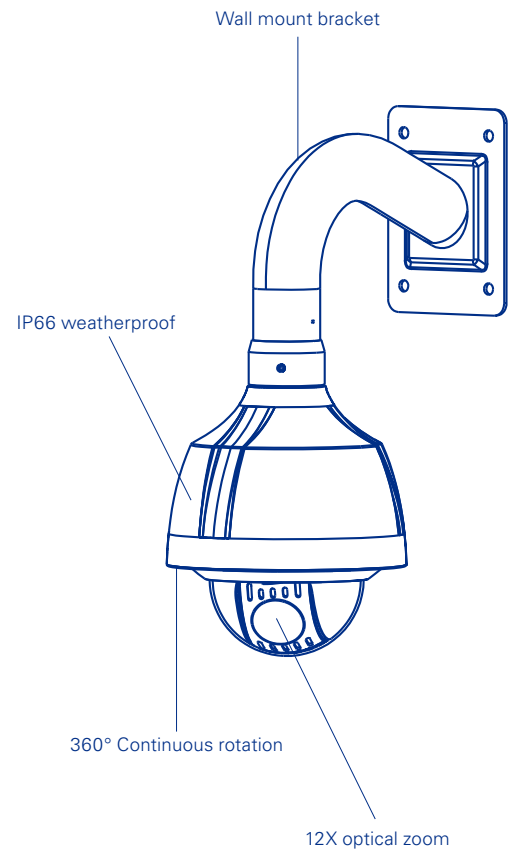
FLIR Cloud™

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Specifications

Camera	
Image Sensor:	1/3" Sony Exmor CMOS
Effective Pixels:	1944(H) x 1092(V), 2.1MP @ 30fps
Scanning System:	Progressive
Electronic Shutter Speed:	1/1 ~ 1/30,000S
Min. Illumination:	Color: 0.05Lux @ F1.6 B/W: 0.005 Lux @ F1.6
S/N Ratio:	More than 55dB
Video Output:	RJ45, Service BNC

Camera Features	
Day/Night:	Auto (ICR) / Color / B/W
Backlight Compensation:	BLC / HLC / E-WDR
White Balance:	Auto, ATW, Indoor, Outdoor, Manual
Gain Control:	Auto/Manual
Noise Reduction:	Ultra DNR (2D/3D)
Privacy Masking:	Up to 24 areas
Digital Zoom:	16x

Lens	
Focal Length:	5.1mm ~ 61.2mm (12x Optical Zoom)
Max Aperature:	F1.2 ~ F2.1
Focus Control:	Auto/Manual
Angle of View:	H: 51.3° ~ 4.64°
Close Focus Distance:	100mm ~ 1000mm

PTZ	
Pan/Tilt/Range:	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°
Manual Control Speed:	Pan: 0.1° ~300°/s; Tilt: 0.1° ~ 120°/s
Preset Speed:	Pan: 300°/s; Tilt: 200°/s
Preset:	255 (Pelco-P/D)
PTZ Mode:	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Power up Action:	Auto restore to previous PTZ and lens status after power failure
Idle Motion:	Activate Preset/Pan/Scan/Tour/Pattern
Protocol:	Onvif via RJ45

Audio	
Compression:	G.711a / G.711u (32kbps) / PCM (128kbps)
Interface:	1/1 channel In/Out

Video	
Compression:	H.264/MJPEG
Resolution:	1080p (1920 x 1080) / 720p (1280x720) / D1 (704x480) / CIF (352x240)
Frame Rate:	Main Stream: 1080p (1 ~ 30fps) / 720p (1 ~ 60pfs) Sub Stream: D1/CIF (1 ~ 30fps)
Bit Rate:	H.264: 56K ~ 8192Kbps, MJPEG: 56K ~ 20480Kbps

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Specifications

Network	
Ethernet:	RJ-45 (10/100Base-T)
Protocol:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filters, QoS, Bonjour, 802.1x
Compliance:	ONVIF 2.1 Profile S
Max. User Access:	20 Users
Smart Phone:	iPhone, iPad, Android
Auxiliary Interface	
Memory Slot:	Micro SD, Max 64GB (not included)
Alarm:	2/1 channel In/Out
General	
Power Supply:	24V AC, PoE+ (802.3at)
Power Consumption:	12W, 22W (Heater on)
Working Environment:	-40°C ~ 60°C / Less than 90% RH
Ingress Protection:	IP66
Dimensions:	ø7.3 x 9.2" / ø186 x 234 mm
Weight:	5.07lbs / 2.35kg

Wall mount bracket

IP66 weatherproof

360° Continuous rotation

12X optical zoom

Ordering Information

N336ZD1: 8-41430-00922-1
N336ZD1P: 8-41430-01097-5

Package Dimensions

N336ZD1/   9.9 x 9.9 x 13.5" /
N336ZD1P: 252 x 252 x 342mm

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