

DH-MPTZ4400-2030ULB-NT

2MP Network Mobile Positioning System



- 2MP excellent image quality
- Powerful 30x optical zoom
- Pan range: 360° endless, speed up to 80°/s
- Up to 255 Presets, 6 Tour, 4 Pattern
- Laser distance up to 500m
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- DC 12V~24V Power Supply
- IP67, TVS 3000V Lightning Protection, Surge Protection and Voltage Transient Protection

System Overview

Featuring powerful optical zoom and accurate pan/tilt/zoom performance, this camera provides an all-in-one solution for capturing long distance video surveillance for outdoor applications. Together with infrared illumination technology, the camera is the perfect solution for dark, lowlight applications. The series combines a day/night mechanical IR cut filter for the highest image quality in variable lighting conditions during the day, and True WDR for applications with direct sunlight or glare. This camera can be used in police car and armored car.

Functions

Anti-vibration

Using shock-absorbing material and structure, the new design keeping the system work normally all the time.

Wide Dynamic Range

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range (WDR) technology.

Tracking function

This feature controls the pan/tilt/zoom actions of the camera to automatically track an object in motion and to keep it in the scene. The tracking action can be triggered manually by mobile keyboard.

Environmental

Dahua cameras operate in extreme temperature environments, rated for use in temperatures from -30 °C to +65 °C with 90% humidity. Subjected to rigorous dust and water immersion tests and certified to the IP67 Ingress Protection rating makes it suitable for demanding outdoor applications.

Technical Specification

Camera

Image Sensor	1/2.8" CMOS
Effective Pixels	1920×1080,2.42 Megapixels
Horizontal Resolution	≥1000TVL
Minimum Illumination	Color:0.005Lux@F1.6
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Gain Control	Auto/Manual
3DNR	Support
2DNR	Support
S/N Ratio	≥55dB
White Balance	Auto/Manual/Track/Outdoor/Indoor/Outdoor Auto/Sodium Lamp Auto/Sodium Lamp
Electronic Shutter Speed	1/1~1/30000s
Anti Shake	Support
Defog	Support
Backlight Compensation	Support
WDR	Support
HLC	Support
Digital Zoom	16x
Day/Night	AutoICR
Focus Control	Auto/Semi-Auto/Manual
Focal Length	4.5mm~135mm
Zoom Speed	4s
baipingheng	Horizontal:67.8~2.77°(wide-tele)
Close Focus Distance	100mm~1000mm(wide-tele)
Optical Zoom	30x
Max Aperture	F1.6~F4.4

Video

Main Stream	50Hz:25fps(1920×1080),50fps(1920×1080),25fps(1280×960),25fps(1280×720); 60Hz:30fps(1920×1080),60fps(1920×1080),30fps(1280×960),30fps(1280×720)
Sub Stream 1	50Hz:25fps(704×576),25fps(352×288) 60Hz:30fps(704×480),30fps(352×240)
Sub Stream 2	50Hz:25fps(1920×1080),25fps(1280×960),25fps(1280×720); 60Hz:30fps(1920×1080),30fps(1280×960),30fps(1280×720)
Video Compression	H.265/H.264BaselineProfile/H.264MainProfile/H.264HighProfile/M-JPEG

Audio Compression	G.711a/G.711Mu/AAC/G.722 / G.726/MPEG2-L2
Voice Intercom	Support
Protocol	IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTPTCP,UDP,IGMP,ICMP,DHCP,PPPoE
ROI	Support
SVC	Support
Zone Focusing	Support
Time Display	Support
API	Support API,Support standard protocol (Onvif,CGI,GB/T28181), Support dahua SDK and 3rd party
Web Viewer	Support IE7 above,google,firefox,safari
Max. User Access	Max 20 users
Security Measures	User Authentication (User ID and Password), Host Authentication (MAC address), HTTPS Encryption, IEEE 802.1x Port-Based Network Access control
User Management	Multi-level user management

PTZ

Pan Range	360°
Pan Speed	0.5~80°
Tilt Range	-15~90°
Tilt Speed	0.5~60°
Presets	255
Tour	6 tours,up to 18 presets for each
Pattern	4
Power-off recovery	Support

Laser

Laser distance	500m
Laser Angle	Adjustable by zoom

General

Power	DC 12~24V,wide voltage input
Consumption	36W
Protection Level	IP67,TVS 3000V Lightning Protection, Surge Protection and Voltage Transient Protection
Working Temperature	-30°C ~65°C
Working Humidity	<90%
Weight	6.5 kg

Dimensions (mm)

