

DH-MPTZ1100-2030RA

2Mp IR HD Mobile Portable PTZ



- 2MP excellent image quality
- Powerful 30x optical zoom
- Pan range: 360° endless
- Up to 256 Presets, 8 Tour
- IR distance up to 80m
- Support max 128G SD card
- IP66



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 -35 °C to +60°C with 90% humidity. Subjected to rigorous dust and water immersion tests and certified to the IP66.

Technical Specification

Camera

Image Sensor	1/2.8" CMOS
Effective Pixels	1920 (H) × 1080 (V), 2.42MP
Horizontal Resolution	≥1000TVL
Minimum Illumination	Color:0.005Lux@F1.6 0 Lux:0.0005Lux@F1.6
Sensitivity	Color:0.005Lux at 30 IRE, B/W:0.0005Lux at 30 IRE Color:0.01Lux at 50 IRE, B/W: 0.001Lux at 50 IRE
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
Demist	Support
Backlight Compensation	Support
WDR	Support
HLC	Support
Digital Zoom	16x
Day/Night	Auto ICR /Color /B/W
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.264Baseline Profile/H.264Main Profile/ H.264High Profile/M-JPEG
Audio Compression	G.711a/G.711Mu/AAC/G.722 / G.726/MPEG2-L2
Voice Intercom	Support
Protocol	Default:IPv4/IPv6,HTTP,HTTPS,Qos,FTP,SMTP,UPnP, IGMP,SNMP,DNS,DDNS,NTP,RTSP,RTP,TCP,UDP,ICMP, DHCP,SSL/TLS,SFTP,RTCP,SSH,PPPoE,onvif Customize:CIFS/SMB,SOCKS
Protection	Net disconnection alarm,IP conflict alarm,IP filter, Access log
ROI	Support
SVC	Support
Zone Focusing	Support
Time Diaplay	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° endless
Pan Speed	0.1~90°/s
Tilt Range	+20° ~-90°
Tilt Speed	0.1~60°/s
Presets	256
Tour	8
IR distance	80m (2 pairs of IR light)
IR on/off control	Auto/Manual

General

Material	Aluminum Alloy (Main Body)
Port	1 RJ-45, 1 M12 aviation port
Power Supply	DC 12V
Power Consumption	<12W (IR off), < 24W (IR on)
Working Environment	-35°C ~ 60°C / Less than 90% RH
Protection	IP66
Weight	2.5Kg

Dimensions (mm)

