

P5-4RV(4x)A

Mini PTZ



Product Brief

Network dome cameras are mainly used for small- and medium-sized scenario surveillance. The PTZ rotation and zoom can be used to view objects in the guard room.

- Supports real-time snapshot and quality priority snapshot policies.
- Supports SMD3.0. 4x optical zoom;
- 2-megapixel 1/2.8-inch CMOS sensor;
- Supports H.265 encoding to implement ultra-low bit rate transmission.
- Horizontal 355°, vertical 0° ~ 90°, no blind zone; Supports 300 preset positions, eight tour paths, and five track paths. Supports alarm linkage.
- Supports the IP54 protection level. Support IK08
- 12 V DC (tolerance $\pm 10\%$), PoE (802.3af)

**Basic parameters**

Sensor Type	1 / 2.8 inch CMOS
Pixels	4,000,000
Maximum Resolution	1920 × 1080
Scan Mode	progressive scan
Electronic shutter	1/1s-1/30000s
minimum illumination	Color: 0.005lux@F1.6 B/W: 0.0005lux@F1.6*
signal to noise ratio	≥50dB

Lens

Lens Type	Zoom
Lens focal length	2.8-12mm
Lens Aperture	F1.6-F3.0
field of view angle	Horizontal: 99.1° ~ 31.9° Vertical: 53.4° ~ 18.0° Diagonal: 117.7° ~ 36.6°
optical zoom	4x
Aperture control	Auto Aperture
Aperture control mode	Automatic / Manual
close-up range	1.5M

Videos

Video compression standard	Smart H.265;H.265;Smart H.264;H.264;H.264B;H.264H;MJPE
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Video frame rate	50 Hz primary stream (1920 x 1080@25 fps), primary stream (1280 x 960@25 fps), primary stream (1280 x 720@25 fps), secondary stream 1 (704 x 576@25 fps), Secondary stream 1 (352 x 288@25 fps), secondary stream 1 (640 x 480@25 fps), secondary stream 2 (1920 x 1080@25 fps), and secondary stream 2 (1280 x 960@25 fps) Secondary stream 2 (1280 x 720@25 fps) 60 Hz primary stream (1920 x 1080@30 fps) Primary stream (1280 x 960@30 fps) Primary stream: 1280 x 720@30 fpsSecondary stream 1:704 x 480@30 fpsSecondary stream 1:640 x 480@30 fpsSecondary stream 1:352 x 240@30 fps Secondary stream 2 (1920 x 1080@30 fps), secondary stream 2 (1280 x 960@30 fps), and secondary stream 2 (1280 x 720@30 fps)
Video bit rate	4M (2560 x 1440); 3M (2048 x 1536); 1080P (1920 x1080); 1.3M (1280 x 960); 720P (1280 x 720); D1 (704 x576/704 × 480); CIF (352 x 288/352 × 240)
Stream control	Variable code stream/fixed code stream
Backlight compensation	Supportive
Strong light suppression	Supportive
Wide dynamic range	Supportive
White Balance	Auto / Indoor / Outdoor
Gain control	Manual / Automatic
noise reduction	2D noise reduction/3D noise reduction
Default stream at the default resolution	4096Kbps(1080P)
Anti-jitter function	Electronic anti-jitter
Fog penetration function	Electronic defogging
Image Flip	Supportive
Privacy masking	24 (8 for each preset position)
alarms	
alarms	Supportive
Alarm Events	Video motion/block detection; Network disconnection detection; IP address conflict detection; Memory card status detection; Storage space detection; power supply exception detection
Networking	
Network Interfaces	One (RJ-45 female port, supporting 10 Mbit/s or 100 Mbit/s network data)
Network protocols	HTTP;HTTPS;TCP/IP;IPv4;RTSP;UDP; NTP;DHCP;DNS; IPv6;FTP;PPPoE;
Access standard	GB/T28181;ONVIF;



Maximum number of preview users	10 (total bandwidth: 4 channels 1080P)
Storage function	FTP;
browsers	Support IE: IE9 and above, support Google Chrome
Interconnection platform	NVR800

Features

OSD Information Overlay	channel; time; channel; Preset point; temperature; Pan-tilt coordinates; Zoom; due north; geographic location; pictures; anomaly overlay
User management	A maximum of 32 users are supported.
Safe Mode	Authorized user name and password; MAC address binding; HTTPS encryption; IEEE802.1x; Network Access Control

Cloud Head

Rotation range	Horizontal: 0° ~ 35° Vertical: 5° ~ 90°
Rotational speed	Horizontal speed 0.1° to 70°/s; Vertical speed 0.1° to 30°/s,
Preset point	300 pcs.
Automatic cruise	8 (32 preset positions can be added for each line)
automatic tracking	5 terms
idle action	Preset point; patrolling; cruise;
Scheduled task	Preset point; patrolling; cruise;

Power Supply

Working voltage	DC12V
Power Supply Mode	DC12V/1.5A±10%; PoE (802.3af)
Power Consumption	DC12V

environment

Operating Temp.	-10°C~50°C
Operating humidity	≤95%
Degree of protection	IP54

Structures

Shell material	Metal + Plastic
Product size	89.0 mm × Φ122.0mm (height × diameter)
Packing size	157mm×157mm×138mm (L×W×H)
Net Weight	0.5 kg
Gross weight	0.7 kg
Installation mode	Wall mounted; Ceiling mounted; Ceiling mounting; Pole-mounted; angle-mounted
Power Supply	Additional Configurations

*The equipment does not have the optical supplement function.





External dimensions

