Code: DH-PTZ35230U-IRA-N

IP SPEED DOME CAMERA OUTDOOR **DH-PTZ35230U-IRA-N** - 1080p 4.5 ... 135 mm DAHUA

Net: 2 563.92 EUR Gross: 2 563.92 EUR



Intelligent 3D Positioning System.
The biggest advantage of the camera is the lens with x30 optical zoom, which together with long range IR illuminator allow to 24 hours surveillance without any additional lighting even at area of several hundred meters. Due to above it is perfect solution for surveillance systems requiring persons or vehicles recognition.
The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance). Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.
For a few models of IP cameras working at ≥ 1920 x 1080 resolution we recommend to use of network with 1Gb/s bandwidth.

SPECIFICATION

Standard:	TCP/IP
Sensor:	1/2.8 " STARVIS™ CMOS
Resolution:	1920 x 1080
Matrix size:	2.0 Mpx
Resolution:	1920 x 1080 - 1080p 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p
Scanning system:	Progressive
Lens:	4.5 ... 135 mm
View angle:	67.8 ° ... 2.4 ° (manufacturer data) 57 ° ... 2.9 ° (our tests result)
Optical zoom:	x 30
Digital zoom:	x 16
Range of IR illumination:	150 m
S/N ratio:	> 55 dB (AGC off)
Video output:	–
Preset rotation speed:	max. 60 °/s (horizontal) max. 30 °/s (vertical)
Rotation speed (manual control):	0.1 °/s ... 60 °/s (horizontal) 0.1 °/s ... 30 °/s (vertical)
Horizontal rotation range:	360 ° continuous
Vertical rotation range:	-90 ° ... 90 °

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RS-485 interface:	✔
Protocols:	Pelco-D, Pelco-P, DH-SD Auto detection
Number of presets:	300
Horizontal scan:	✔
Route settings:	8
Image compression method:	H.265 / H.264 / MJPEG
Bitrate:	448 ... 8192 kbps - H.264 / H.265 5120 ... 10240 kbps - MJPEG
Alarm inputs / outputs:	–
Audio:	• 1 Audio input • 1 Audio output • Audio detection
Main stream frame rate:	1 ... 50 fps - 1080p 1 ... 25 fps - 720p
Network interface:	10/100 Base-T (RJ-45)
Network protocols:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, IEEE 802.1x, Multicast
WEB Server:	Built-in, NVR compliance
Max. number of on-line users:	20
ONVIF:	2.42 - Profile S, G, ONVIF CGI
Mobile phones support:	Port 37777 • Android: Free application DMSS • iOS (iPhone): Free application DMSS
Memory card slot:	Micro SD memory cards up to 128GB support (possible local recording)
Main features:	• Intelligent 3D Positioning System • WDR - 120 dB - Wide Dynamic Range • ROI - improve the quality of selected parts of image • EIS - Electronic Image Stabilization • F-DNR (Defog) - Reduction of image noise caused by precipitation • 3D-DNR - Digital Noise Reduction • ICR - Movable InfraRed filter • Configurable Privacy Zones - 24 • BLC/HLC - Back Light / High Light Compensation • Audio detection • WB - White Balance (ATW/AWB/manual/indoor/outdoor) • Sharpness - sharper image outlines • Mirror - Mirror image • Day/Night mode (color/b&w/auto) • IVS analysis : objects tracking, crossing the line (tripwire), intrusion, abandoned/missing object, fast moving, perimeter protection, illegal parking, loitering detection, crowd gathering estimation, face detection • Wiper - Control the wiper via TCP/IP
Power supply:	12 V DC / 5 A (power adapter included)
Housing:	Metal
Color:	White
Operation temp:	-30 °C ... 65 °C
"Index of Protection":	IP66
Weight:	8.4 kg (with bracket)
Dimensions:	375 x 246 mm x 210 mm (with bracket)
Supported languages:	English
Manufacturer / Brand:	DAHUA

Guarantee:	**3 years**

PRESENTATION

Front view:



Side view:



Rear view:



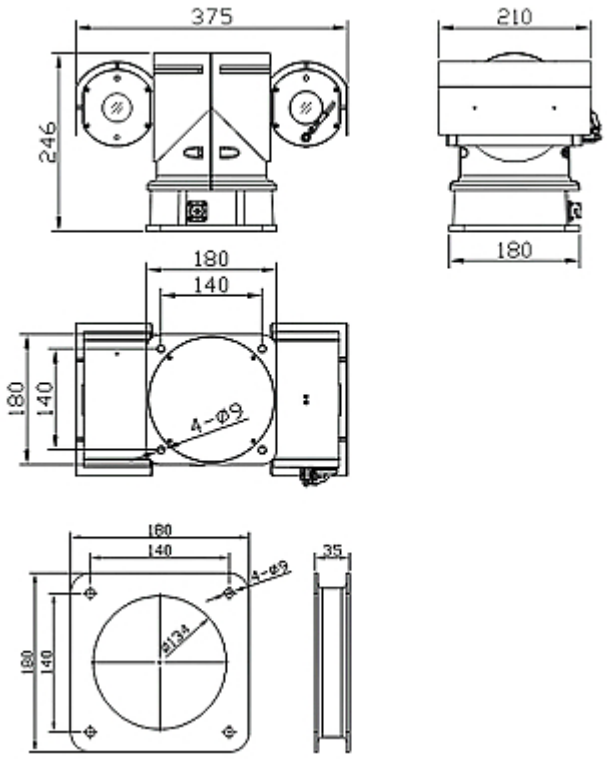
Camera connectors:



Bottom view:



Camera dimensions:



In the kit:



OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



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Camera image at direct strong light opposite to camera:





OUR OPINIONS

- Thanks to the "Starlight" technology used, the camera only needs very low lighting to obtain a clear color image.

PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg