



DH-TPC-PT8320-35

Thermal PTZ camera, 35mm lens, 16x zoom
336x256 resolution

PRODUCT DESCRIPTION

► Application:

The Dahua thermal cameras are able to detect objects and persons even in darkness or under difficult light conditions, e.g. smoke, mist, dust or fog. The thermal cameras support IP, HD-CVI and analogue (CVBS) technology. Thanks to this tribrid function, the cameras are suitable for many different applications. The thermal cameras are equipped with Intelligent Video Analysis so that you may use functions such as tripwire, intrusion or missing/added objects. A special fire warning feature is also included. Additional functions such as Region-of-Interest (ROI), motion detection and heatmap enable you to setup a comprehensive surveillance in the defined area. The PTZ dome cameras are equipped with 2 built-in lenses: one thermal lens and one visible lens. This allows you to run a surveillance without any compromise.

► Technical specifications:

Type	IP-thermal imaging camera
Sensor type	Long-life, uncooled VOx microbolometer
Max. Picture resolution (pixel)	336 x 256
Thermal sensitivity	< 40 mK / F1.0
Compression (video)	H.264 / H.264H / MJPEG
max. output frame rate (fps)	Thermal: 30 fps at 720p / 1280x1024
Video output	IP, analogue, HD-CVI
Lens	2 lenses: Visible image and thermal image
Focal length (mm)	Thermal: 35mm / Visible: 6-180mm
Spectral range	7.5 - 13.5 um
Angle of view (horizontal)	Thermal: 9.3° / Visible: 51.2°
Angle of view (vertical)	Thermal: 7.1° / Visible: 1.8°
Digital zoom	16x (thermal/visible)

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► **Technical specifications:**

Region of Interest (ROI)	Yes
Supported software standards	ONVIF, PSIA, CGI
Preset positions	300
Preset speed	Pan: 160°/s, Tilt: 60°/s
Tours	8
Pattern	5
Auto pan	Yes
Auto scan	Yes
Panning radius (°)	0-360° endless
Tilt angle (°)	0,1°/s to 60°/s
Tilt speed	0.1° to 120° /s
Audio inputs	1
Audio codec	G.711a / G711mu
Alarm inputs	7
Alarm outputs	1
Control interface	RS-485
Ethernet standards	10/100Base-T
Power over Ethernet (PoE)	IEEE 802.3af
Classification	IP-66
Housing colour	White
Housing material	Metal
Voltage	24 V AC
Max. Power consumption (watt)	< 70 watt
Operating temperature (°C)	-40 to +60
Rel. humidity (%)	10 - 90, non-condensing
Weight	18
Dimensions WxHxD (mm)	360 x 252 x 464
Identifier	CE, RoHS
Items included in delivery	CD, software, quick user guide
Specials	2 lenses, supports EIS and defog

► **Note:**

P2P/Cloud access to the camera is only possible via a connected recorder.