




	POWER DISTRIBUTION UNIT PD-8/R/IEC-N 1.8 m	IP HYBRID THERMAL IMAGING CAMERA DS-2TD2628-10/OA 9.7 mm - 720p, 8 mm - 4 Mpx Hikvision	IP CAMERA DS-2CD2323G2-I(2.8MM)(D) ACUSENSE - 1080p Hikvision
			
	522.69 CZK 522.69 CZK	20859.04 CZK 20859.04 CZK	5650.33 CZK 5650.33 CZK
Rated voltage	230 V AC / 50 Hz	...	...
Total maximal current	10 A	...	...
Maximal total load	2500 W	...	...
Pixel pitch	...	12 µm	...
Number of outlets	8 x CEE 7/5	...	...
Thermal sensitivity (NETD)	...	≤ 40 mK @ F1.0	...
Assembly	In RACK 19" cabinets	...	...
Spectral range	...	8 µm ... 14 µm	...
Length of the power cable	1.8 m - cable with power connector IEC320 C14	...	...
Color palettes	...	✓	...
Housing type	1 U RACK 19"	...	...
Switch	—	...	...
S/N ratio	...	...	≥ 52 dB
Temperature measurement	...	<ul style="list-style-type: none"> • Spot • Line • Area max. 21 positions	...
Temperature measurement range	...	-20 °C ... 150 °C	...
Accuracy of temperature measurement	...	± 8 °C	...
Sensor	...	Uncooled VOx microbolometer 1/2.7 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS
Matrix size	...	256 x 192 px 4 Mpx	2.1 Mpx
Lens	...	9.7 mm 8 mm	2.8 mm
View angle	...	18 ° 39.4 °	107 °
Optical zoom	...	— —	...
Digital zoom	...	2x, 4x —	...
Range of IR illumination	...	30 m	30 m
White light LED illuminator range	...	30 m	...
Resolution	...	1280 x 720 - 720p , 704 x 576 640 x 512 320 x 240 2688 x 1520 - 4 Mpx 1920 x 1080 - 1080p 1280 x 720 - 720p	1920 x 1080 - 1080p , 1280 x 720 - 720p
Standard	...	IP	TCP/IP
Video output	...	CVBS, SPOT output : 1.0 Vpp / 75 Ω	...
RS-485 interface	...	✓	—
Memory card slot	...	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)
Image compression method	...	H.265 / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Alarm inputs / outputs	...	2 / 2	—
Audio	...	<ul style="list-style-type: none"> • External microphone input / Audio input, • Audio output, • Bi-directional audio streaming support, • Speaker built-in 	—

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 Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

Main stream frame rate	...	25 fps @ 4 Mpx	25 fps @ 1080p
Network interface	...	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)
WEB Server	...	Built-in	Built-in
Max. number of on-line users	...	32	6
ONVIF	...	✓	✓
Mobile phones support	...	Port no.: 8000 or access by a cloud (P2P) • Android: Free application iVMS-4500 or Hik-Connect • iOS (iPhone): Free application iVMS-4500 or Hik-Connect	Port no.: 8000 or access by a cloud (P2P) • Android: Free application Hik-Connect • iOS: Free application Hik-Connect
Default IP address	...	192.168.1.64	192.168.1.64
Default admin user / password	...	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start
Web browser access ports	...	80	80
PC client access ports	...	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application	Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application
Mobile client access ports	...	8000	8000
Port ONVIF	...	80	80
Vandal-proof	...	...	—
RTSP URL	...	• Main stream VIDEO CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ THERMAL IMAGING CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/201/ • Sub stream VIDEO CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ THERMAL IMAGING CAMERA : rtsp://user:password@192.168.1.64:554/Streaming/Channels/202/	• Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization • Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization
Intelligent image analysis	...	• IVS analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area • Smoke detection • fire detection • object detection (people, vehicle)	...
Main features	...	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • DDE (Digital Detail Enhancement) - the function automatically optimizes the contrast of the thermal image in high-dynamic scenes - small differences in the temperature distribution of the examined object are highlighted • Sun-reflection filter • Temperature measurement • Intelligent alarm linked to turning on white light and loudspeaker • NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network • The ANR (Automatic Network Replenishment) function - ensures integrity of recording data in the event of network failures. It bases on automatic saving the recording data to microSD card inserted inside the camera, and after failure is end, the recorded data are automatically synchronized with the recorder	• Camera from AcuSense series • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • SVC (Scalable Video Coding) - technology enabling the transfer of several sub-streams of different quality within one stream • EXIR - high-efficiency infrared LEDs technology, which evenly covers the whole plan of both central vantage points of the scene as well as the corners • Anti-Flicker - The technology eliminates the tiring eyes flickering image effect • NAS - Network Attached Storage support • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • Day/night mode • ICR - Movable InfraRed filter • Auto White Balance • BLC/HLC - Back Light / High Light Compensation • AGC - Automatic Gain Control • Possibility to change the resolution, quality and bit rate • Sharpness - sharper image outlines • Configurable Privacy Zones • Vertical or horizontal image mirror • Filtering of false alarms based on the recognition of persons and vehicles • Smart motion detection (with recognizing people and vehicles) • Intelligent image analysis : crossing the line (tripwire), intrusion, detection of entry into the area / exit from the area - classification of people and vehicles, scene changing, face detection
Protections	...	• Protection against lightning discharges : 6 kV • Overvoltage limiter, Overvoltage protection	...
Power supply	...	• PoE (802.3af), • 12 V DC, • 24 V AC	• PoE (802.3af), • 12 V DC / 500 mA



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Power consumption	...	≤ 8.5 W	• ≤ 7.5 W @ PoE (802.3af) • ≤ 6 W @ 12 V DC
Housing	...	Compact - Metal	Dome, Metal
Color	...	White	White
"Index of Protection"	...	IP67	IP67
Mechanical protection class	...	IK10	...
Operation temp	...	-40 °C ... 65 °C	-30 °C ... 60 °C
Weight	0.75 kg	1.76 kg	0.73 kg
Dimensions	481 x 45 x 45 mm	358.3 x 113.5 x 115.2 mm	Ø 127 x 96 mm
Supported languages	...	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Hungarian, Italian	Polish, English, Bulgarian, Croatian, Czech, Danish, Estonian, Finnish, French, Greek, Spanish, Dutch, Lithuanian, Latvian, German, Norwegian, Portuguese, Russian, Romanian, Serbian, Slovak, Slovenian, Swedish, Turkish, Ukrainian, Hungarian, Italian
Manufacturer / Brand	...	Hikvision	Hikvision
SAP Code	...	305401575	311319964
Guarantee	2 years	3 years	3 years



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