

	IP CAMERA IPC-PFW5849-A180-E2-ASTE-0360B PANORAMIC Full-Color WizMind - 7.3 Mpx 2 X 3.6 mm DAHUA	ACCESS CONTROLLER WITH TEMPERATURE MEASUREMENT APTI-AI80F0RTD 4.5 mm - 1080p	56 dB	...	...	...
Monitor control	...	...	OSD - by IR remote controller or monitor control keys	...	...	...
Interface	...	USB, RS-232 TTL	...	...	...	...
Maximum background illumination	...	100 000 Lux	...	...	...	...
Image compression method	H.265+ / H.265 / H.264+ / H.264 / MJPEG	...	...	...	...	...
Main stream frame rate	20 fps @ 7.3 Mpx	...	...	...	...	...
Max. number of on-line users	20	...	...	...	...	...
Mobile phones support	Port no.: 37777 or access by a cloud (P2P) • Android: Free application DMSS • iOS (iPhone): Free application DMSS	...	...	...	...	...
QR codes reading	...	...	• 1D : EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5 (ITF), ITF-6, ITF-14, ISBN, ISSN, MSI-Plessey, GS1 Databar, Code 11, Industrial 25, Standard 25, Plessey, Matrix 2 of 5 • 2D : QR Code, Data Matrix, PDF417, Aztec	...	...	...
Mobile client access ports	37777	...	...	...	...	...
Port ONVIF	80	...	...	...	...	...
RTSP URL	rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	...	...	...	...	...
Reading distance	• EAN13 (13 mm) : 30 ... 140 mm • Code 39 (5 mm) : 30 ... 50 mm • QR Code (20 mm) : 35 ... 120 mm • Data Matrix (10 mm) : 30 ... 70 mm • PDF417 (6.67 mm) : 30 ... 80 mm



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Minimal contrast	...	25 %
Standard	IP	TCP/IP
Range of IR illumination	...	5 m
White light LED illuminator range	40 m	5 m
Temperature measurement	...	✓	...	...	...
Intelligent image analysis	<ul style="list-style-type: none"> • crossing the line (tripwire) - classification of people and vehicles • intrusion - classification of people and vehicles • fast moving - classification of people and vehicles • parking detection • detection of people gathering • people counting - Supports area or queue management and the ability to configure up to 4 rules • heat map • abandoned/missing object	...	...	...	...
Temperature measurement range	...	35.7 °C ... 42 °C	...	...	...
Accuracy of temperature measurement	...	± 0.3 °C	...	...	...
Temperature measurement distance	...	0.7 m ... 1.2 m	...	...	...
Face recognition distance	...	0.5 m ... 2.0 m (max 30 000 faces in the database)	...	...	...
Internal memory	...	Support storage of 50 000 records	...	...	...
Video output	...	—	...	...	...
RS-485 interface	—	✓	...	...	...
Wiegand interface	...	✓	...	...	...
Memory card slot	Micro SD card support up to 512GB	—	...	...	...
Alarm inputs / outputs	1 / 1	0 / 1	...	...	...
Audio	<ul style="list-style-type: none"> • Microphone built-in, • External microphone input, • Speaker built-in • Audio output • Bi-directional audio streaming support • Audio detection 	Speaker built-in	...	...	...
Network interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	...	...	...
Network protocols	...	IPv4, TCP/IP, HTTP, MQTT, RTSP, SMTP, NTP	...	...	...
WEB Server	Built-in	Built-in	...	...	...
ONVIF	✓	—	...	...	...
Default IP address	192.168.1.108	DHCP / 192.168.1.88	...	...	...
Default admin user / password	admin / - The administrator password should be set at the first start	admin / 12345	...	...	...
Web browser access ports	80, 37777	80	...	...	...
PC client access ports	37777	80	...	...	...
Mechanical protection class	—	...	...	...	...

Main features	<ul style="list-style-type: none"> EPTZ - advanced target detection and tracking algorithms that trigger alarms - can simultaneously zoom and track many people and/or vehicles WDR - 140 dB - Wide Dynamic Range 3D-DNR - Digital Noise Reduction ROI - improve the quality of selected parts of image F-DNR (Defog) - Reduction of image noise caused by precipitation SMD 3.0 - searching for an object classified as: human, motor vehicle SSA - Smart Scene Adaptive - intelligent scene adaptation by automatically adjusting the exposure parameters to obtain a better image BLC/HLC - Back Light / High Light Compensation Day/night mode Full Color - colorful night mode Auto White Balance AGC - Automatic Gain Control Motion Detection - max. 4 zones Privacy zones - max. 8 Mirror - Mirror image Light and sound alarm White light (LED) illuminator built-in : 2 LEDs 	<ul style="list-style-type: none"> Built-in LCD display showing the image from the video camera and the result of temperature measurement - 800 x 1280 px, 8 " Wiegand 34/26 Day/Night mode (color/b&w/auto) RESET button Alarm output of NO/NC relay type Relay output operating modes: access control or notification of an exception Built-in QR code reader 	3D Comb Filter	...	...
Power supply	<ul style="list-style-type: none"> PoE (802.3at), ePoE, 12 V DC / 1.02 A 	12 V / 2 A DC	12 V DC / 3 A (power adapter included)	...	...
Power consumption	<ul style="list-style-type: none"> ≤ 13.8 W @ PoE ≤ 12.3 W @ 12 V 	≤ 18 W	max. 25 W	...	...
Housing	Compact - Metal + Plastic	Compact - Metal	...	...	Aluminum + Plastic
Color	White	Silver	...	...	...
"Index of Protection"	IP67	—	...	...	...
Operation temp	-40 °C ... 60 °C	15 °C ... 25 °C - temperature measurement only in closed rooms (stabilized temperature)	...	...	...
Weight	1.41 kg	1.8 kg	2.66 kg	0.06 kg	0.09 kg
Dimensions	301 x 128 x 120 mm	366 x 132 x 144 mm	486 x 374 x 190 mm (with stand) 486 x 300 x 52 (without stand)	87 x 47 x 60 mm	89 x 46 x 23 mm
Montage hole diameter	...	35 mm	...	...	...
Length of the cable	...	65 cm	...	...	150 cm
Supported languages	Polish, English, Czech, French, Spanish, Dutch, German, Russian, Portuguese, Romanian, Ukrainian, Hungarian, Italian	English, French, Spanish, Ukrainian, Italian	English, Chinese, French, German, Italian	...	...
Manufacturer / Brand	DAHUA	APTI	VILUX	BRATECK	ORICO
Guarantee	5 years	3 years	2 years	2 years	2 years

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