




	<a href="#">IP CAMERA BCS-B-TIP15FR3(2.0) - 5 Mpx 2.8 mm BCS BASIC</a>	<a href="#">IP CAMERA APTI-AI508CA3-28WP - 5 Mpx 2.8 mm</a>	<a href="#">IP CAMERA TC-C35WS SPEC:I5/E/Y/M/S/H/2.8MM/V4.0 - 5 Mpx 2.8 mm TIANDY</a>
			
	292.00 PLN 292.00 PLN	280.00 PLN 280.00 PLN	994.00 PLN 994.00 PLN
Standard	TCP/IP	TCP/IP	IP
Matrix size	5 Mpx	5 Mpx	...
Scanning system	Progressive	...	...
Resolution	2592 x 1944 - 5 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2592 x 1944 - 5 Mpx , 2560 x 1440 - 3.7 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Sensor	1/3 " Progressive Scan CMOS	1/2.8 " SONY Starvis™ Back-illuminated CMOS	1/2.7 " Progressive Scan CMOS
Lens	2.8 mm	2.8 mm	2.8 mm
View angle	• 90 ° (manufacturer data) • 71 ° (our tests result)	106 °	104 °
Range of IR illumination	30 m	25 m	50 m
Memory card slot	—	—	Micro SD memory cards up to 512GB support (possible local recording)
Image compression method	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	S+265 / H.265 / H.264
Alarm inputs / outputs	—	—	1 / 1
Main stream frame rate	25 fps @ 5 Mpx	25 fps @ 5 Mpx	• 25 fps @ 5 Mpx • 50 fps @ 2 Mpx
Interface	...	...	10/100 Base-TX (RJ-45)
Audio	• Microphone built-in • Audio transmission via network • Audio detection	• External microphone input, Jack 3.5 mm socket, • Audio output, Jack 3.5 mm socket, • Audio transmission via network, • Compliance with the AAC standard	• Microphone built-in • Audio input • Audio output
Network interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	...
RS-485 interface	—	—	...
Access from PC	...	...	Port no.: 3000 or access by a cloud (P2P) - PC: Free application <a href="#">Easy7 Smart Client Express</a>
Network protocols	IPv4 IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP	...	...
WEB Server	Built-in	Built-in	Built-in

Max. number of on-line users	4	10	2
RTSP URL	...	<ul style="list-style-type: none"> <li>rtsp://user:password@ip_address:80/0 - Main stream</li> <li>rtsp://user:password@ip_address:80/1 - Sub stream</li> </ul>	...
ONVIF	✓	✓	✓
Intelligent image analysis	...	...	<ul style="list-style-type: none"> <li>classification of people and vehicles</li> <li>video tampering</li> <li>crossing the line (tripwire)</li> <li>intrusion</li> <li>face detection</li> </ul>
Mobile phones support	Access by a cloud (P2P) <ul style="list-style-type: none"> <li>Android: Free application <a href="#">BCS Manager</a></li> <li>iOS (iPhone): Free application <a href="#">BCS Manager</a></li> </ul>	Port no.: 80 or access by a cloud (P2P) <ul style="list-style-type: none"> <li>Android: Free application <a href="#">BitVision</a></li> <li>iOS (iPhone): Free application <a href="#">BitVision</a></li> </ul>	Port no.: 3000 or access by a cloud (P2P) <ul style="list-style-type: none"> <li>Android: Free application <a href="#">EasyLive Plus</a></li> <li>iOS (iPhone): Free application <a href="#">EasyLive Plus</a></li> </ul>
Default IP address	DHCP or 192.168.1.13	192.168.1.168	192.168.1.2
Default admin user / password	admin / 123456	admin / 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, 554	80	80, 433, 3000, 3001, 3002, 23002
PC client access ports	Port no.: 80 or access by a cloud (P2P)	80	3000, 3001
Mobile client access ports	80	80	3000, 3001
Port ONVIF	80	80	80
Vandal-proof	...	...	—



Main features	<ul style="list-style-type: none"> <li>• D-WDR - Wide Dynamic Range</li> <li>• 2D-DNR, 3D-DNR - Digital Noise Reduction</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Privacy zones - max. 4</li> <li>• Motion Detection - max. 4 zones</li> <li>• Sharpness - sharper image outlines</li> </ul>	<ul style="list-style-type: none"> <li>• Intelligent image analysis : intrusion, crossing the line (tripwire), motion detection based on human detection, crowd gathering estimation, video tampering</li> <li>• WDR - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• Flicker Control - The technology eliminates the tiring eyes flickering image effect</li> <li>• Mirror - Mirror image</li> <li>• BLC - Back Light Compensation</li> <li>• HLC - High Light Compensation (spot)</li> <li>• ICR - Movable InfraRed filter</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Day/Night mode - configurable</li> <li>• Privacy zones - max. 3</li> <li>• Sharpness - sharper image outlines</li> </ul>	<ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• Corridor mode</li> <li>• NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network</li> <li>• 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</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• ICR - Movable InfraRed filter</li> <li>• Day/night mode</li> <li>• Possibility to change the resolution, quality and bit rate</li> </ul>
Power supply	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 380 mA</li> </ul>	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 310 mA</li> </ul>	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 670 mA</li> </ul>
Power consumption	≤ 4.5 W	≤ 3.7 W	≤ 8 W
Housing	Compact - Plastic + Metal	Compact - Metal	Compact - Metal
Color	White + Black	White	White
"Index of Protection"	IP67	IP67	IP67
Operation temp	-30 °C ... 60 °C	-20 °C ... 60 °C	-40 °C ... 65 °C
Weight	0.18 kg	0.44 kg	0.51 kg
Dimensions	142 x 62 x 65 mm	173 x 73 x 73 mm	162 x 71 x 71 mm
Supported languages	Polish, English	Polish, English, Bulgarian Czech, French, Spanish, Dutch, German, Portuguese, Russian, Turkish, Italian	Polish, English, Albanian, Arabic, French, Hebrew, Spanish, Dutch, Korean, Portuguese, German, Russian, Thai, Turkish, Ukrainian, Italian, Vietnamese
Manufacturer / Brand	BCS BASIC	APTI	TIANDY
Guarantee	2 years	2 years	3 years