




	MODULATOR DVB-T HDMOD-10/MICRO Spacetronek	IP CAMERA BCS-L-PI12FW PINHOLE - 1080p 2.8 mm BCS Line	WIRELESS DUAL TECHNOLOGY MICROWAVE + PIR DETECTOR APMD-250 (Motion Detector Plus) ABAX/ABAX2 SATEL
			
	480.68 PLN 480.68 PLN	1185.00 PLN 1185.00 PLN	325.00 PLN 325.00 PLN
Standard	...	IP	...
Support	...	...	ABAX/ABAX2
Frequency band	...	...	868 MHz ... 868.6 MHz
Radio communication range (at open area)	...	...	max. 2000 m @ ABAX2 max. 500 m @ ABAX
Resolution	...	1920 x 1080 - 1080p , 1280 x 960 - 1.3 Mpx 1280 x 720 - 720p	...
PIR detection range	...	...	15 m / 90 °
Sensor	...	1/3 " Progressive Scan CMOS	...
Inputs	<ul style="list-style-type: none"> • HDMI Full HD - 1080p, • Mini USB-B - PC, • DC 2.1/5.5mm socket 5 V, • Grounding connector	...	...
Output	1 pcs RF (F)	...	...
Battery working time (in energy saving mode)	...	...	about 2 years
Encoding	H.264	...	...
Lens	...	2.8 mm @ F2.0 (pinhole)	...
View angle	...	96 °	...
Target speed range	...	...	0.3 ... 3 m/s
Recommended installation height	...	...	2 m ... 2.4 m
Range of IR illumination	...	—	...
Memory card slot	...	—	...
Supported HDMI resolutions	720p @ 50 / 60 fps , 1080i @ 50 / 60 fps , 1080p @ 50 / 60 fps	...	...
Image compression method	...	H.265+ / H.265 / H.264+ / H.264 / MJPEG	...
Output signal level	70 ... 100 dB μ V	...	...
Alarm inputs / outputs	...	—	...

Main features	...	...	<ul style="list-style-type: none"> • Passive Infra Red (PIR) and microwave (MW) • With a combination of PIR and MW detection was reached high immunity to false alarms • Advanced temperature compensation • Creep zone control • Advanced power management • PIR / MW detection sensitivity adjustment • Remote configuration • The LED to indicate violations in test mode, easy start-up and later maintenance of the system • Tamper detection - opening the enclosure, removing from mounting surface • Possibility of replacing the lens with curtain CT-CL or long-range LR-CL (available separately)
Operation temp	...	...	-10 °C ... 55 °C
RF output frequency (channels) range	174 ... 230 MHz (VHF) 470 ... 862 MHz (UHF)	...	...
Permissible relative humidity	...	...	93 ± 3 %
Modulation type	64-QAM	...	...
Audio	...	<ul style="list-style-type: none"> • Audio input • Microphone built-in, • Audio output • Bi-directional audio streaming support 	...
HDCP compliance	✓	...	...
Main stream frame rate	...	25 fps @ 1080p	...
Interface	...	10/100 Base-T (RJ-45)	...
WEB Server	...	Built-in	...
Max. number of on-line users	...	20	...
ONVIF	...	✓	...
Intelligent image analysis	...	<ul style="list-style-type: none"> • intrusion • crossing the line (tripwire) 	...
Main features	<ul style="list-style-type: none"> • Firmware upgrade via USB cable • Aspect ratios 5:4, 16:9 • MER ≥ 28 dB • LED display • LED indication • Grounding • USB A / mini USB B cable included 	<ul style="list-style-type: none"> • WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • Configurable Privacy Zones • Motion Detection • AWB - Auto White Balance • AGC - Automatic Gain Control • AES - Auto Electronic Shutter • Day/night mode • ICR - Movable InfraRed filter • Mirror - Mirror image • D-ZOOM - Digital Zoom : 16 x 	...
Mobile phones support	...	Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"> • Android: Free application BCS Manager • iOS (iPhone): Free application BCS Manager 	...
Default IP address	...	192.168.1.108	...
Default admin user / password	...	admin / - The administrator password should be set at the first start	...



DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10
 Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl
 Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00

Web browser access ports	...	80, 37777	...
PC client access ports	...	37777	...
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	...
Power supply	5 V DC / 1 A (power adapter included)	12 V DC / 130 mA	CR123A 3 V
Power consumption	...	max. 1.56 W	...
Housing	...	Mini - Metal	...
Color	...	Black	...
"Index of Protection"	...	—	...
Mechanical protection class	...	—	...
Operation temp	...	-40 °C ... 60 °C	...
Weight	0.2 kg	0.08 kg	0.1 kg
Dimensions	127 x 80 x 18 mm	• 44 x 35 x 30 mm • 50 cm (cable length)	137 x 62 x 42 mm
Supported languages	...	Polish, English, Czech, French, Spanish, Dutch, German, Portuguese, Russian, Romanian, Turkish, Ukrainian, Hungarian, Vietnamese, Italian	...
Manufacturer / Brand	Spacetronik	BCS Line	SATEL
Guarantee	2 years	3 years	2 years



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