







	LITHIUM BATTERY BAT. CR430*PL ENERGIZER	OBJECT PROTECTION SYSTEM MANAGEMENT SERVER.DSS7016D-S2 DAHUA	SMART LED LIGHTING CONTROLLER WLIGHTBOX PRO/BLERBOX Wi-Fi. 12 ... 24 V DC	SWITCH POE APPL. POE8002G-120V.V2 8-PORT	SMART PROXIMITY ACTION TRIGGER PROXIBOX/BLERBOX Wi-Fi. 12 ... 24 V DC	SWITCH POE APPL. POE8002G-120V.ECO.8- PORT	SWITCH POE CS408-4F-60.4-PORT DAHUA
							
	22.11 DKK 22.11 DKK	123852.70 DKK 123852.70 DKK	292.78 DKK 292.78 DKK	477.74 DKK 477.74 DKK	186.84 DKK 186.84 DKK	347.45 DKK 347.45 DKK	801.66 DKK 801.66 DKK
Standard		TCP/IP					
Application			Works with LED lighting - (RGB/RGBW/RGBCCCT/CCT/MONO) 12-24V LED strips		Non-contact switching on and off, controlling devices, triggering actions		
Supported resolutions		max. 12 Mpx - 4000 x 3000 px					
In package	<b>2 pcs The price for package</b>						
Number of video channels		max. 2000					
Rated voltage	3 V		12 ... 24 V DC		12 ... 24 V DC		
Type (size)	CR2430						
Maximal total load			288 W				
Video outputs		• 3 pcs HDMI • 1 pcs VGA					
Audio inputs		1 pcs Microphone - Jack 3.5 mm socket					
LAN ports				10 x RJ45 (8 x PoE (802.3af/at))		• 8 x RJ45 10/100 Base-TX (8 x PoE (802.3af/at)) • 2 x RJ45 100/1000 Base-TX - Uplink	• 4 x RJ45 10/100 Base-T (1 x Hi-PoE + 3 x PoE (802.3af/at)) • 2 x RJ45 10/100/1000 Base-T - Uplink
Total maximal current			12 A ( 3 A / Channel )				
Audio outputs		1 pcs - Jack 3.5 mm socket					
Number of outputs			1		0		
Number of outputs			4		0		
Connector type			screw terminals		screw terminals (power)		
Transmission speed				• 10 / 100 / 1000 Mbps : 2 x Port LAN, • 10 / 100 Mbps : 8 x LAN & PoE ports		• 10 / 100 Mbps : 8 x Port LAN & PoE, • 100 / 1000 Mbps : 2 x Port RJ45 (Uplink)	• 10 / 100 Mbps : 4 LAN & PoE ports, • 10 / 100 / 1000 Mbps : 2 Uplink ports
Wireless			Wi-Fi. 2.4 GHz - IEEE 802.11g		Wi-Fi. 2.4 GHz - IEEE 802.11g		
Supported hard drives		• 15 x 10 TB SATA III • Cooperation with the DAHUA disk arrays of the ESS series  Maximum supported total disk space - 200 TB  Possibility of operation the disks in RAID 0/1/5/6/10 array					
Maximal output power				30 W / port PoE		30 W / port PoE - 1 ... 8 ports	60 W / port Hi-PoE - Part 1 • 30 W / port PoE 802.3af/at • 2 ... 4 ports
Maximal total power				120 W		120 W	60 W
Searching and playback the records		Records searching: by time and events type. Records playback: forward, backward, fast, slow "Frame by Frame" playback function					
MAC addresses table				2k		2k	8k
Network interface		4 x 10/100/1000 Base-T					
Management							
Bitrate		max. 700 Mbps					
Operation modes						E+V - Extend On : 250 m @ 10 Mbps - 1 ... 4 ports	Extend On : 250 m, 10 Mbps @ UTP cat. 5e, 6
Network functions		Full support via network, Remote records copying, Web-Server built-in max. 200 on-line users					
Mobile phones support		✓	• The <b>uBox</b> free application on Android • The <b>uBox</b> free application on iOS		• The <b>uBox</b> free application on Android • The <b>uBox</b> free application on iOS		
Default IP address		192.168.1.108					
Default admin user / password		admin / - The administrator password should be set at the first start					
LED diodes				LAN, PoE		Power, Extend, Link/Act, PoE	Power, System, PoE, Link/Act
Web browser access ports		80, 37777					
PC client access ports		37777					
Alarm inputs / outputs		4 / 2					
PTZ control		IP Speed Dome Cameras, DS-465					
RS-485		✓					
RS-232		✓					
Motion Detection		✓					
Intelligent image analysis		✓					
Mouse support		✓					
LANP		max. 64 cameras					
Face recognition		max. 64 cameras					
Certificates				CE		CE	CE
Protections							• Protection against lightning discharges (common/differential) : 4 / 2 kV • Protection against electrostatic discharge - Contact/Air (ESD/EMP) : 6 / 8 kV

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

Main features			<ul style="list-style-type: none"> <li>Local control by physical button, schedule,</li> <li>timer,</li> <li>sunrise and sunset mode,</li> <li>remote access,</li> <li>voice control,</li> <li>Controlling the color, color temperature, brightness, effect, changing time allows any interior arrangement</li> <li>predefined effects,</li> <li>effects modification,</li> <li>Operation modes : <ul style="list-style-type: none"> <li>- 1 x RGB (color)</li> <li>- 1 x RGBW (color + white - brightness control)</li> <li>- 1 x RGB (color) + 1 x MONO (white)</li> <li>- 1 x CCT (white - brightness and color temperature control)</li> <li>- 2 x CCT (white - brightness and color temperature control)</li> <li>- 4 x MONO (single color) / halogen bulb</li> </ul> </li> <li>Omnidirectional antenna Wi-Fi 5 dB</li> <li>SMA-RP socket</li> <li>WiFi technology support</li> </ul>	<ul style="list-style-type: none"> <li>2 x Port Uplink</li> <li>Range PoE : 250 m - The EXTEND mode enabled</li> <li>Mounts for mounting the device in the RACK 10" system</li> </ul>	<ul style="list-style-type: none"> <li>Multifunctional proximity sensor,</li> <li>Distinguish between short and long signals,</li> <li>remote access,</li> <li>WiFi technology support</li> <li>Possibility to hide the sensor</li> <li>Automatic calibration</li> <li>LED indication</li> </ul>	<ul style="list-style-type: none"> <li>Power supply PoE, Endspan mode support : 1-2(+), 3-6(-)</li> <li>EXTEND mode - 1 ... 4 ports</li> <li>Port PoE Priority</li> <li>Auto-learning and Auto-tagging functions support for MAC addresses</li> <li>Full Duplex: IEEE802.3x, Half Duplex: Back Pressure</li> <li>Mounts for mounting the device in the RACK 10" system</li> </ul>	<ul style="list-style-type: none"> <li>Switch is managed through the web and the cloud (Dolynk Care application)</li> <li>PoE power mode : The device supports 8-pin power supply - wires : 1-2(+), 3-6(-), 4-5(+), 7-8(-)</li> <li>Intelligent management of Power Supply Unit power's output stage</li> <li>protection against lightning discharges and voltage differences and strokes between devices</li> <li>Watchdog PoE</li> <li>Loop Protection</li> <li>Compliance with the LLDP protocol</li> <li>Port Based VLAN : 32</li> <li>Data Flow Control (802.3x)</li> <li>DHCP client</li> <li>RESET button</li> <li>Kensington Lock</li> <li>Possibility to mount to the wall</li> </ul>
Power consumption							max. 65 W
Housing			<ul style="list-style-type: none"> <li>Non-halogen plastic, Self-extinguishing</li> <li>Waterproof, Weatherproof</li> </ul>		Plastic	Metal	Desktop, Metal
Index of Protection			IP54		IP20		
Color			Black		Black		
Operation temp			20 °C ... 50 °C	10 °C ... 55 °C	20 °C ... 50 °C	10 °C ... 55 °C	10 °C ... 55 °C

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Main features	<ul style="list-style-type: none"> <li>• Cooperation with DAHUA recorders</li> <li>• IP Dahua camera support</li> <li>• Cooperation with POS (Point of Sale) terminals - max. 64 devices</li> <li>• Cooperation with the DAHUA access control systems - support max. 256 floors</li> <li>• Cooperation with the DAHUA IP video doorphone systems : <ul style="list-style-type: none"> <li>- Voice calls between the VTH series internal panels and the system management center</li> <li>- Video calls between door stations of the VTO series and the system management center</li> </ul> </li> <li>- Work as a SIP server</li> <li>- Group connection with the VTH internal panels and devices compliant with the SIP protocol <ul style="list-style-type: none"> <li>- Redirecting a video call to mobile phone</li> </ul> </li> <li>• Automatic search for cooperating devices in the local network</li> <li>• Support for devices with the ANPR vehicle identification functions and face recognition</li> <li>• Sectional speed measurement (requires several ANPR cameras on the road section)</li> <li>• The ability to track the person's location based on the face recognition function</li> <li>• Central management of the access control system : <ul style="list-style-type: none"> <li>- Adding, deleting and editing users</li> <li>- Change of permissions of individual users and groups of users</li> <li>- Change of access to individual zones</li> <li>- Monitoring the status of individual doors</li> </ul> </li> <li>- Central database management, updating and sharing the database between all system devices - It applies both to the classic databases of users of the access control system as well as to the bases of identified faces and vehicles</li> <li>• Advanced functions of the transition control : <ul style="list-style-type: none"> <li>- Anti-passback</li> <li>- Remote opening of the door</li> <li>- Leaving the door open after the first access</li> <li>- Unlocking the transition only when more than one user is present</li> <li>- Remote access verification</li> </ul> </li> <li>• Cooperation with the MNVR mobile recorders : <ul style="list-style-type: none"> <li>- Archiving recordings from the mobile recorder using the local Wi-Fi network</li> <li>- Archiving the route covered by the vehicle with a mobile recorder</li> <li>- Access to the image recorded by the mobile recorder in real time (the recorder must have an internet connection and a fixed IP address)</li> </ul> </li> <li>• Emap function - possibility to mark the location of system elements on the map of the object : <ul style="list-style-type: none"> <li>- The use of Google Maps</li> <li>- When an alarm is triggered, the element that initiated the alarm is marked on the map</li> <li>- Access to preview images from cameras and archived recordings from the map level</li> <li>- The camera's field of view can be marked on the map</li> <li>- Ability to roughly determine the route covered by a person based on face recognition function (required devices supporting face recognition functions)</li> <li>- Ability to roughly determine the vehicle route based on ANPR recognition (required cameras supporting this function)</li> </ul> </li> <li>• Cooperation with the wall of monitors</li> <li>• Cooperation with the controllers of the NES series</li> <li>• Integration with the alarm system : <ul style="list-style-type: none"> <li>- Signaling of events registered on the server by alarm outputs</li> <li>- Setting the system arming schedules</li> <li>- Calling up the action after receiving the signal from the alarm control panel</li> <li>- Transmission of information about the triggered alarm to selected users</li> </ul> </li> <li>• Intelligent image analysis : <ul style="list-style-type: none"> <li>- Intelligent Object Tracking, people counting, heat map</li> </ul> </li> <li>• Possibility to connecting in cascade - max. 5 levels, max. 20 devices</li> <li>• The possibility of redundant work</li> </ul>					
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Power supply	..	100 ... 240 V AC	..	230 V AC	..	110 ... 240 V AC, 50 / 60 Hz	53 V DC / 1.22 A (power adapter included)
Weight	0.004 kg	19.1 kg	0.1 kg	0.84 kg	0.026 kg	0.68 kg	0.29 kg
Dimensions	Ø 24 x 3.0 mm	445 x 522 x 133 mm - RACK 19", 3U	• 92 x 52 x 28 mm - without antenna • 230 x 85 x 28 mm - with antenna, vertical • 197 mm - Antenna	200 x 118 x 44 mm	53 x 40 x 18 mm	200 x 122 x 45 mm	130 x 85 x 26 mm
Supported languages	..	English	..	..	..	..	..
Country of origin	..	China	..	..	..	..	..
Manufacturer / Brand	ENERGIZER	DAHUA	BleBox	APT1	BleBox	APT1	DAHUA
Guarantee	2 years	2 years	2 years	2 years	2 years	2 years	2 years

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