

	RUBBER MAT MR-GUM50	HD-TVI CAMERA DS-3C316FT-F1472 8.1 2MM -3 Mpx Hikvision	ADAPTER IEC320/2XGS	SMART SWITCH SWITCH-CR0X-V30LEBOX Wi-Fi, 230 V AC	SMART LIGHTING DIMMER DIMMER-CR0X-V30LEBOX Wi-Fi, 230 V AC	OBJECT PROTECTION SYSTEM MANAGEMENT SERVER DSS7016D-S2 DAHUA	RJ45 PLUG INTERNAL SHIELD RJ45/WL70IN*P100	EXTENSION CORD WITH GROUNDING PS-3X1.5-Z/30M 30 m	ACCESS POINT 4G-LTE 4G/LTE/4G-LTE/4G-LTE 2.4 GHz, 5 GHz, 867 Mbps + 300 Mbps	WIRELESS REMOTE CONTROL WITH KEYBOARD KS-3 Air Mouse 2.4 GHz, Blue
										
	6.31 EUR 6.31 EUR	185.33 EUR 185.33 EUR	6.80 EUR 6.80 EUR	37.28 EUR 37.28 EUR	41.22 EUR 41.22 EUR	16602.62 EUR 16602.62 EUR	4.85 EUR 4.85 EUR	28.53 EUR 28.53 EUR	66.74 EUR 66.74 EUR	11.05 EUR 11.05 EUR
Standard		HD-TVI					TCPIP			
Operating frequency										2.4 GHz
Wire gauge								3 x 1.5 mm²		
Sensor		Progressive Scan CMOS								
Operation range										~ 10 m
Supported resolutions						max. 12 Mpx - 4000 x 3000 px				
Application	• Area covering, • Soundproofing			switching devices on/off	lighting brightness control					
Matrix size		3 Mpx								
Number of video channels						max. 2000				
Rated voltage				230 V AC	230 V AC			230 V AC / 50 Hz		
In package										
Application										
Video outputs										
Maximal total load				3500 W / 3680 VA		• 250 W (resistance load), • 30 W (inductive or capacitive load - e.g. LED lamp)			3680 W	
Connector type			Adapter Plug IEC320 / 2 x Power socket CEE 7/5							
Voltage			max. 250 V							
Total maximal current				16 A	1.1 A				16 A	
Number of outlets									1 CEE 7/5	
Current			max. 16 A							
Audio inputs						1 pcs Microphone - Jack 3.5 mm socket				
Phase										
Number of inputs				1	2					
Resolution		1920 x 1536 - 3 Mpx, 1920 x 1080 - 1080p								
Material	SBR granulate + polyurethane binder		PET				Rubber			
Switch										
Number of outputs				1	1					
Range of IR illumination		40 m								
Audio outputs						1 pcs - Jack 3.5 mm socket				
Connector type				screw terminals	screw terminals					
IR illuminator power adjustment		Automatic								
Length of the cable			0.2 m					30 m		
Wireless				Wi-Fi, 2.4 GHz - IEEE 802.11g	Wi-Fi, 2.4 GHz - IEEE 802.11g					
Lens	2.8 ... 12 mm - Motozoom									
View angle	74° ... 24°									
Frequency range									• Wi-Fi : 2.4 GHz, 5 GHz, • LTE : 2600 MHz, 2500 MHz, 2300 MHz, 2100 MHz, 1800 MHz, 800 MHz, 850 MHz, 800 MHz, 700 MHz	
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				
S/N ratio		> 62 dB								
Current consumption										• 8 ... 16 mA (operation) • 6 mA (Standby mode)
Searching and playback the records						Records searching: by time and events type. Records playback: forward, backward, fast, slow "Frame by Frame" playback function				
Network interface						4 x 10/100/1000 Base-T				
Antenna type									• 2 x Omnidirectional antenna Wi-Fi, Integrated, 5 dBi, • 2 x Omnidirectional antenna 4G LTE, 5 dBi / SMA connector for connecting an external antenna	
Bitrate						max. 700 Mbps				
Video output Standards		1 Vpp / 75 Ω - BNC socket								
Network functions						Full support via network. Remote records copying. Web-Server built-in max. 200 on-line users				IEEE 802.11 a/b/g/n/ac
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				
Baud rates										• Wi-Fi : 867 Mbps + 300 Mbps, • LTE : 150 Mbps / 50 Mbps
Web browser access ports						80, 37777				
PC client access ports						37777				
Operation temp				-20 °C ... 50 °C	-20 °C ... 50 °C					
Alarm inputs / outputs						4 / 2				

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Main features	<ul style="list-style-type: none"> <li>• Motozoom lens - The ability to control via coaxial cable from recorder HIKVISION</li> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• EXIR - high-efficiency infrared LEDs technology, which evenly covers the whole plane of both central vantage points of the scene as well as the corners</li> <li>• DNR - Digital Noise Reduction</li> <li>• BLC - Back Light Compensation</li> <li>• ICR - Movable InfraRed filter</li> <li>• Mirror - Mirror image</li> <li>• AGC - Automatic Gain Control</li> <li>• Auto White Balance</li> <li>• Sharpness - sharper image outlines</li> </ul>			<ul style="list-style-type: none"> <li>• Cooperation with DAHUA recorders</li> <li>• IP Dahua cameras 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 doors</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</li> <li>- Redirecting a video call to mobile phone</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> <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> </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 NKR 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> <li>- Possibility to connecting in cascade - max. 3 levels, max. 20 devices</li> <li>- The possibility of redundant work</li> </ul> </li> </ul>				
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Power supply	-	12 V DC / 500 mA	-	-	-	100 ... 240 V AC	-	-	12 V DC / 1 A (power adapter included)	• Built-in battery • Charging via mikro USB port
Weight	2.4 kg	0.72 kg	0.130 kg	0.04 kg	0.04 kg	10.1 kg	0.001 kg	4.1 kg	0.316 kg	0.053 kg
Dimensions	500 x 500 x 10 mm	270 x 92 x 85 mm	-	38 x 35 x 23 mm	41 x 39 x 24 mm	445 x 522 x 133 mm - RACK 19", 3U	27 x 12 x 15 mm	-	242 x 175 x 38 mm	• 151 x 45 x 14 mm • 0.5 m (cable length)
Supported languages	-	English	-	-	-	English	-	-	-	-
Country of origin	-	China	-	-	-	China	-	-	-	-
Manufacturer / Brand	-	Hikvision	-	BleBox	BleBox	DAHUA	-	-	CUDY	Blow
Guarantee	-	3 years	2 years	2 years	2 years	5 years	2 years	2 years	2 years	2 years



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