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## **WIRELESS SYSTEMS** valid from: 16 June 2017

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## MOBILE CAMERA CITY MONITORING

valid from: 16 June 2017

### Mobile camera for city monitoring

#### ICAM-MobileHD

Product	Description
<b>iCAM-MobileHD Gold-20D 4G (LTE)</b> <b>NEW 2017</b> 	<p><b>The mobile system iCAM-MobileHD + battery + IP Camera + GSM 4G(LTE)</b></p> <p><b>Description and features of iCAM-MobileHD</b></p> <ul style="list-style-type: none"> <li>• Does not require permits and projects</li> <li>• Very quick installation anywhere</li> <li>• Cheap and simple quick-connector for mounting on a wall lantern, etc.</li> <li>• Remote viewing on your phone / tablet or laptop</li> <li>• Self-powered for 12 hours (Li-ION) *</li> <li>• Ability to power and charge from the streetlights (eg. the sockets after Christmas ornaments) *</li> <li>• The range of the observed area within a radius of up to 200m</li> <li>• Wireless access to recorded material from up to 1km.</li> </ul> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• The iCAM-MobileHD with: <ul style="list-style-type: none"> <li>• 12h battery (Li-ION)</li> <li>• Memory 500GB HDD</li> <li>• Video recorder</li> <li>• A fast wireless connection 5GHz</li> <li>• Power Input 230VAC, 12VDC, 24VDC</li> </ul> </li> <li>• iCAM-LTE module for GSM 4G LTE connection, speed 100/50M.</li> <li>• HD IP camera with zoom x 20 x 1 pc.</li> <li>• Quick-connector mounting socket on the wall x 1 pc.</li> <li>• Quick-connector mounting socket on the round pole 80-200mm x 1 pc.</li> <li>• Omnidirectional Antenna x 2 pcs.</li> <li>• Omnidirectional antenna LTE x 2 pcs</li> </ul>
<b>iCAM-MobileHD Gold-20D</b> <b>NEW 2016</b> 	<p><b>The mobile system iCAM-MobileHD + battery + IP Camera</b></p> <ul style="list-style-type: none"> <li>• Parameters the same as above version but without iCAM-LTE module</li> </ul>
<b>iCAM-MobileHD Silver-20D</b> <b>NEW 2016</b> 	<p><b>The mobile system iCAM-MobileHD + IP Camera</b></p> <p><b>Parameters</b> of this set as the version above iCAM-MobileHD / Gold-20D but without a battery. Other parameters unchanged.</p>
<b>iCAM-MobileHD Gold</b> <b>NEW 2016</b> 	<p><b>The mobile system iCAM-MobileHD + Li-ION</b></p> <p><b>Parameters</b> of this set as the version above ICAM-MobileHD / Gold-20D but without IP cameras. Other parameters unchanged.</p> <p>This system is designed to connect any IP camera ONVIF 2.0 or later. It is also possible to have installation of cameras provided by the CAMSAT Technical Department. More information in CAMSAT Sales Department and in iCAM documentation on www.camsat.com</p>
<b>iCAM-MobileHD Silver</b> <b>NEW 2016</b> 	<p><b>The mobile system iCAM-MobileHD (without battery and without IP cameras)</b></p> <p><b>Parameters</b> of this set as the version above iCAM-MobileHD / Gold-20D but without IP cameras and without battery Li-ION. Other parameters unchanged.</p> <p>This system is designed to connect any IP camera ONVIF 2.0 or later *. It is also possible to have installation of cameras provided by the CAMSAT Technical Department. More information in CAMSAT Sales Department and in iCAM documentation on www.camsat.com</p>

**MOBILE CAMERA CITY MONITORING**  
valid from: 16 June 2017

**Mobile camera for city monitoring**

**OPTION - LTE module for iCAM-MobileHD series**

**iCAM-LTE**  
**NEW 2017**



**The LTE module to iCAM-MobileHD**

Additional LTE communications module with two ports for SIM cards. Compatible with all mobile systems iCAM-MobileHD. Mechanical mounting adapted to iCAM. 100 / 50Mbps, 4G, 3G, UMTS, GSM, 2xSIM, 12-24V DC, VPN, M2M, IP66.

**NOTE:** The LTE can be ordered with the new iCAM or extend an existing, purchased earlier. The price includes installation of the LTE module at iCAM-MobileHD camera.

**iCAM-LTE/2**  
**NEW 2017**



**The LTE module with measurement of the battery and SMS notification for iCAM-MobileHD**

LTE module parameters identical to iCAM-LTE but enhanced to measure the battery status, and SMS notification.

**Accessories for iCAM-Mobile-HD**

**GE-Mobile**  
**NEW 2016**

**Quick-connector socket for mounting mobile camera iCAM-MobileHD – for wall**

**Included:**

- wall mounting slot x 1 set.
- dowel to the wall x 6 pcs.
- Manual, declaration of conformity

**GL-Mobile**  
**NEW 2016**

**Quick-connector socket for mounting mobile camera iCAM-MobileHD – for round pole 80-200**

**Included:**

- Mounting socket on the pole (lantern) x 1 set
- Steel mounting ties x 3 pcs
- Manual, declaration of conformity

**iCAM-Receiver**  
**NEW 2016**

**Wireless receiver with access to LAN**

Radio receiver for receiving a wireless signal from the iCAM system in a radius of 1km. Connects a signal from the mobile cameras to own LAN and receives images on any computer or NVR with ONVIF.

**Included:** receiver with a directional antenna and the antenna output, PoE power supply, manual, declaration of conformity.

**iCAM-Akumulator Li-ION**  
**22A**  
**NEW 2016**

**Lightweight Li-ION battery to power the iCAM system and IP cameras.**

Special lightweight battery with working time for 12-16h and designed for operation at temperatures up to -20°C. It ensures work continuity of the system powered from streetlights or at other temporary power.

**iCAM-HDD/1T**  
**NEW 2016**

**1TB memory disc for iCAM system.**

Disk storage capacity of 1TB compatible with iCAM. It provides continuous HD video material recording up to 60 days.

**iCAM-HDD/2T**  
**NEW 2016**

**2TB memory disc for iCAM system.**

Disk storage capacity of 2TB compatible with iCAM. It provides continuous HD video material recording up to 100 days.

**iCAM-box**  
**NEW 2016**

**Transport box for iCAM-MobileHD with filling**




Size: 60 x 50 x 35 cm

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**SYSTEMS FOR IP CAMERAS**  
 valid from: 16 June 2017

All wireless CAMSAT IP systems transmit video, audio, PTZ and all other signals transparently from and to IP cameras.

**Wireless, dual input, system for video transmission for HD megapixel IP cameras (5.6 GHz)**

Product	Description
<p><b>CDS-6IP eco</b>  <b>New 2016</b></p> 	<p><b>Wireless module for IP cameras (with higher discount)</b>            The hermetic radio module for wireless transmission of audio-video from IP cameras in HD and 4K; It allows you to connect two cameras to each unit, and the connection of up to 4 transmitters to one receiver. Very simple, specific system configuration iCAMSAT-OS. The setting of only two parameters ensures launch of radio link.</p> <p><b>Parameters:</b> 2 ports LAN, 300Mbps, 5.6GHz, 16 operating channels, 12-24V DC and PoE, Antenna 14dbi, power 27dbi, range 2km, PtP, PtMP, IP55, IP cameras up to 8Mpix,</p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• unit CDS-6IPeco x1</li> <li>• holder for pipes / clamp to the mast x 1 pc.</li> <li>• Power supply PoE24V x1szt.</li> <li>• manual, certificate</li> </ul>
<p><b>CDS-6IP/SMA</b>  <b>New 2016</b></p> 	<p><b>Parameters</b> the same as CDS-6IPeco with internal antenna but with additional SMA connector for external antenna</p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• unit CDS-6IP/SMA x1</li> <li>• holder for pipes / clamp to the mast x 1 pc.</li> <li>• Power supply PoE24V x1szt.</li> <li>• manual, certificate</li> </ul>
<p><b>CDS-6IP Multi</b>  <b>NEW 2016</b></p> 	<p><b>The wireless system with 4 inputs for IP cameras HD and 4K.</b>            The radio system in a hermetic housing for wireless transmission of audio-video from 4 IP cameras with PoE HD and 4K. It has 4 LAN inputs with PoE for IP cameras. All LAN ports provide PoE (48V) standard 802.3af. The possibility to power with low-cost buffer power supply 12V DC.</p> <p><b>Parameters:</b> 4 ports LAN, 300Mbps, 5.6GHz, 16 operating channels, 12-24V DC and PoE, Antenna 14dbi, power 27dbi, range 2km, PtP, IP55, IP cameras up to 8Mpix,</p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Unit CDS-6IP Multi x1pc.</li> <li>• holder for pipes / clamp to the mast x 1 pc.</li> <li>• manual, certificate</li> </ul> <p>Note: Does not include power supply. Dedicated: ZS-48/1,5 or ZS-48/3</p>




CDS-6IP series of compatible modules

The easiest-to-use, wireless video transmission system for IP cameras



**CDS-EasyIP is the cheapest and fastest to startup. It takes only a few minutes and involves setting up the DIPswitch micro switches and turning on the power.**

Easy and quick installation reduces the labor cost of the installer or user, and does not require any additional accessories and supplies to the IP camera (supplying 48V PoE in the set).

CDS-EasyIP series of compatible units

Product	Description
<p><b>CDS-EasyIP eco</b> <b>NEW 2017</b></p> 	<p><b>Radio module for IP cameras HD and 4K (with higher discount)</b> The economical version of CDS-EasyIP series for wireless IP cameras do not require a computer to configure settings and start-up. Very easy to start a system of transmitters and receivers for, installers starting cooperation with IP cameras.</p> <p><b>Parameters:</b> settings by DIPswitch, 2 ports LAN, 300Mbps, 5.2GHz, 4 operating channels CE, 48V PoE, Antenna 16dbi, power 27dbi, range 2,5km, PtP, PtMP, IP55, IP cameras up to 8Mpix,</p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Unit CDS-EasyIP eco x1 pc.</li> <li>• holder for pipes / clamp to the mast x 1 pc.</li> <li>• Power supply PoE48V x1 pc.</li> <li>• manual, certificate</li> </ul>
<p><b>CDS-EasyIP</b> <b>NEW 2016</b></p> 	<p><b>Radio module for IP cameras HD and 4K.</b> The innovative system for wireless IP cameras do not require a computer to configure settings and start-up. Very easy to start a system of transmitters and receivers for, installers starting cooperation with IP cameras. To start, simply select operating channel by DIPswitch and select a transmitter / receiver mode. The rest of the settings is carried out automatically with the encoding rate.</p> <p><b>Parameters:</b> settings by DIPswitch, 2 ports LAN (incl. 1 PoE), 300Mbps, 5.2GHz, 4 operating channels CE, 48V PoE, Antenna 16dbi, power 27dbi, range 2,5km, PtP, PtMP, IP65, IP cameras up to 8Mpix,</p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Unit CDS-EasyIP x1 pc.</li> <li>• holder for pipes / clamp to the mast x 1 pc.</li> <li>• Power supply PoE48V x1 pc.</li> <li>• manual, certificate</li> </ul>
<p><b>CDS-EasyIP/SMA</b> <b>NEW 2016</b></p> 	<p><b>Radio module for IP cameras HD</b></p> <p><b>Parameters</b> as in the CDS-EasyIP, but with internal antenna and additional SMA input for external antenna</p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Unit CDS-EasyIP / SMA x1 pc.</li> <li>• holder for pipes / clamp to the mast x 1 pc.</li> <li>• Power supply PoE48V x1 pc.</li> <li>• manual, certificate</li> </ul>

**Wireless video transmission system for HD megapixel IP cameras (5.6 GHz)**

Product	Description
<p><b>CDS-5IPmini</b></p> 	<p><b>The hermetic radio module for wireless transmission of audio-video from IP cameras in HD and 4K;</b></p> <p><b>Parameters:</b> 1 port LAN, 300Mbps, 5.2-5,8GHz, 16 operating channels, 24V PoE, Antena 13dbi, power EIRP 27-30dbi, range 2km, PtP, PtMP, IP55, IP cameras up to 8Mpix,</p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• unit CDS-5IPmini,</li> <li>• holder for pipes,</li> <li>• power supply PoE24V;</li> <li>• PoE12-24V converter for power with a normal 12VDC power supply and connection to the IP camera</li> <li>• manual, certificate.</li> </ul>
<p><b>CDS-5IPmini/SMA</b></p> 	<p><b>The hermetic radio module for wireless transmission of audio-video from IP cameras in HD and 4K.</b></p> <p><b>Parameters</b> identical to the CDS-5IPmini but with SMA antenna connectors for external antennas. It contains no internal antenna.</p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• unit CDS-5IPmini / SMA,</li> <li>• holder for pipes,</li> <li>• power supply PoE24V;</li> <li>• PoE12-24V converter for power module with a normal 12VDC power supply and connect the IP camera</li> <li>• manual, certificate.</li> </ul>

IP RADIO MODULES CDS-5IPmini

## Switch for IP cameras (SWITCH)

**X-CAMswitch/12**  
**NEW 2016**



**X-CAMswitch / 12 external network PoE switch for IP cameras.**

X-CAMswitch is a 4-port, external PoE switch working in LAN 10/100 Base-T. It allows you to connect to the LAN, and supply 4 PoE IP cameras.

**Parameters:** 4 ports LAN with PoE, 1 Port for radio devices 24V/48V, 100Mbps, 12-48V DC, IP65, -20+55C

**Included:**

- X-CAMswitch/12 x 1 pc.
- holder for pipes / clamp to the mast x 2 pcs.
- manual, declaration of conformity

**Note: The kit does not include power adapter.**

**X-CAMswitch/48**  
**NEW 2016**



**X-CAMswitch/48 external network PoE switch for IP cameras.**

Switch with identical parameters as X-CAMswitch /12 but with only 48V power input. It does not have special power input 12-24V.

**Parameters:** 4 ports LAN with PoE, 1 Port for radio devices 24V/48V, 100Mbps, 48V DC, IP65, -20+55C

**Included:**

- X-CAMswitch/48 x 1 pc.
- holder for pipes / clamp to the mast x 2 pcs.
- manual, declaration of conformity

**ZS-48/1.5**



**Power supply 48V DC**

**Parameters:** 48V DC, 70W, 1,5A, plug DC 2.1/5.5, size 150 x 82 x 55mm,

For Camsat radio systems and CCTV: CDS-6IP Multi , X-CAMswitch, PoER-24h

**ZS-48/3 DC**  
**NEW 2016**



**48V DC power supply for network switch X-CAMswitch and Multi Transmitter IP CDS-6IPmulti which can simultaneously power all the IP camera (PoE 802.11af)**

**Parameters:** 48V DC, 100W, 3A, plug DC 2.1/5.5, size 160 x 90 x 65mm,

For Camsat radio systems and CCTV: CDS-6IP Multi and X-CAMswitch

**ZS-12/ 5A**



**Power supply 12V / 5A DC**

**Parameters:** 12V DC, 60W, 5A, plug DC 2.1/5.5,

For Camsat radio systems and CCTV: For all wireless systems and cameras powered 12V DC.

## Accessories

Voltage converters

### PoER-24h (hermetic)



**PoER-24h is a power converter with identical parameters as poer-24 but in the hermetic housing and suitable for outdoor installation.**

Device helpful with the use of one 48V PoE power supply from the camera to power the radio equipment with 24V.

**Poer-24h includes:**

- external converter poer-24 x 1pc.
- handle x 1 pc.
- manual, CE declaration of conformity

### PoER-24 (internal)



**PoER-24 power converter from PoE48V to PoE24V for IP transmitters which converts the voltage of IP cameras from 48V to 24V.** PoE24V connection is required for the majority of IP radio modules.

**Poer-24 includes:**

- internal converter poer-24 x 1pc.
- manual, CE declaration of conformity

**END of series (ask for availability)**

## Antennas recommended for CDS-5IP

### AP13-HV



Omni directional MIMO 13 dBi dual polarity HV;

**Operation ranges:** with internal antenna CDS-6IP up to 1.5 km, with AK24-HV up to 2.7 km, with AK30-HV up to 3.5 km; **Beam width:** H (360 ° H / 7 ° V) V (7 ° H/360 ° V);

**Included:** antenna, antenna cable D = 1.5 m x 2 pcs

### AK28-HV



Directional MIMO antenna 28 dBi HV; **Operation ranges:** with internal antenna IP/SMA up to 3 km; **Beam width:** 7 ° H / 7 ° V;

**Included:** antenna, antenna cable D = 1.5 m x 2 pcs

*NOTE: Written scope of work in applied antennas may differ from the estimates: It may be far greater in the case of using less bandwidth consumption such as the use of only one / two cameras 1.3M H.264. It can also be much lower in the case of strong interference or high bandwidth operation.*



## Accessories/mounting

**MT-2D**  
**(2D handle)**  
**NEW 2016**



**Universal, plastic hermetic holder for all CAMSAT systems.**

- alignment angle: + 30 ° advance; -30 ° down; 60 ° left and 60 ° right.

**Included:**

- Adjustable Handle x 1 pc.
- Mounting U-bolts for mast x 1 pc.

**MTS-1D**  
**(steel mounting**  
**handle U-type)**  
**NEW 2016**



**Universal steel holder for all hermetic systems of CAMSAT.**

- alignment angle: 90 ° left and 90 ° right.







**Included:**

- Steel Handle "U-type" x 1 pc.

**WIRELESS CCTV SYSTEMS FOR AHD  
VALID FROM: 16 June 2017**


**Analog, wireless A/V transmission systems for AHD-M and PAL 5,8 GHz**

**CAM8h-AHD series**


Product	Description
<b>CAM8h-AHD</b> <b>NEW 2016</b> 	<p><b>Wireless Video Transmission System AHD-M, AHD-L and ANALOG / PAL in the 5.8GHz ISM band.</b></p> <ul style="list-style-type: none"> <li>• Range: 600m</li> <li>• 4 frequency channels</li> </ul> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Transmitter CAM8h-AHD (Tx) x1 pc.</li> <li>• Receiver CAM8h-AHD (Rx) x 1 pc.</li> <li>• Mast handle x 2 pcs.</li> <li>• Manual, CE declaration.</li> </ul>
<b>CAM8h-AHD (Tx)</b> <b>NEW 2016</b> 	<p><b>The transmitter for CAM8h-AHD system</b></p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Transmitter CAM8h-AHD (Tx) x1 pc.</li> <li>• Mast handle x 1 pc.</li> <li>• Manual, CE declaration.</li> </ul>
<b>CAM8h-AHD (Rx)</b> <b>NEW 2016</b> 	<p><b>The receiver for CAM8h-AHD system</b></p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Receiver CAM8h-AHD (Rx) x1 pc.</li> <li>• Mast handle x 1 pc.</li> <li>• Manual, CE declaration.</li> </ul>
<b>CAM8h-Multi2/AHD</b> <b>NEW 2016</b> 	<p><b>Dual input, wireless image transmission system AHD-M, AHD-L and ANALOG / PAL in the 5.8GHz ISM band.</b></p> <ul style="list-style-type: none"> <li>• for 2 cameras AHD / PAL</li> <li>• Other parameters as above in CAM8h-AHD</li> </ul> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Transmitter CAM8h-MULTI2 / AHD (Tx) x1s pc.</li> <li>• Receiver CAM8h-MULTI2 / AHD (Rx) x 1 pc.</li> <li>• Mast handle x 2 pcs.</li> <li>• Manual, CE declaration</li> </ul>
<b>CAM8h-Multi2/AHD (Tx)</b> <b>NEW 2016</b> 	<p><b>The transmitter for system CAM8h-MULTI2 / AHD</b></p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Receiver CAM8h-MULTI2 / AHD (Tx) x 1 pc.</li> <li>• Mast handle x 1 pc.</li> <li>• Manual, CE declaration</li> </ul>
<b>CAM8h-Multi2/AHD (Rx)</b> <b>NEW 2016</b> 	<p><b>The receiver for system CAM8h Multi-V2 / AHD</b></p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Receiver CAM8h-MULTI2 / AHD (Rx) x 1 pc.</li> <li>• Mast handle x 1 pc.</li> <li>• Manual, CE declaration</li> </ul>

**WIRELESS CCTV SYSTEMS FOR AHD  
VALID FROM: 16 June 2017**




**CAM8h-PTZ/AHD  
VIDEO TRANSMISSION SYSTEMS FOR AHD SPEED CAMERA AND PTZ CONTROL**

Product	Description
<b>CAM8h-PTZ/AHD</b> 	<b>Wireless system for video transmission for AHD cameras with PTZ (RS485).</b> <ul style="list-style-type: none"> <li>• Range: 600m</li> <li>• 4 frequency channels 4 CE</li> </ul> <b>Included:</b> <ul style="list-style-type: none"> <li>• Transmitter CAM8h-PTZ / AHD (Tx) x1 pc.</li> <li>• Receiver CAM8h-PTZ / AHD (Rx) x 1 pc.</li> <li>• Mast handle x 2 pcs.</li> <li>• Manual, delaracja CE.</li> </ul>

**Data transmission**

<b>CD-04</b> <b>NEW FUNCTIONS 2016 (TVI,AHD,CVI)</b> 	<b>Wireless control system for PTZ cameras for more than 6 km for the cameras AHD, CVI and TVI with RS485.</b> <ul style="list-style-type: none"> <li>• Interfaces: RS-485, RS-232, TTL (5V).</li> <li>• Works with cameras ANALOG, PAL, AHD, TVI, CVI</li> <li>• Operating Frequency 869MHz</li> <li>• Range: 6 km (does not require full optical visibility of antennas LOS).</li> </ul> <b>Included:</b> <ul style="list-style-type: none"> <li>• The radio module CD04 x 1 pc.</li> <li>• omnidirectional antenna x1 pc.</li> <li>• Mast handle x1 pc.</li> <li>• CE, instruction PL / EN</li> </ul>
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**Accessories**

<b>MT-2D (2D handle)</b> <b>NEW 2016</b> 	<b>Universal, plastic hermetic holder for all CAMSAT systems.</b> <ul style="list-style-type: none"> <li>• alignment angle: + 30 ° advance; -30 ° down; 60 ° left and 60 ° right.</li> </ul> <b>Included:</b> <ul style="list-style-type: none"> <li>• Adjustable Handle x 1 pc.</li> <li>• Mounting U-bolts for mast x 1 pc.</li> </ul> 
<b>MTS-1D (steel mounting handle U-type)</b> <b>NEW 2016</b> 	<b>Universal steel holder for all hermetic systems of CAMSAT.</b> <ul style="list-style-type: none"> <li>• alignment angle: 90 ° left and 90 ° right.</li> </ul> <b>Included:</b> <ul style="list-style-type: none"> <li>• Steel Handle "U-type" x 1 pc.</li> </ul>


**WIRELESS CCTV SYSTEMS FOR HD-CVI  
VALID FROM: 16 June 2017**

**Wireless video transmission systems for HD CVI cameras**




**QARA CVI Transmitters**

Product	Description
<b>QL-CVI-T1</b> <b>NEW 2016</b> 	<b>Transmitter HD-CVI for 2MPix camera and 1.3 MPix (CVI + IP).</b>  It works wirelessly with the receiver EVIF-Multi. The transmitter performs transmission in standard ONVIF2.0.  <b>QL-CVI-T1 includes:</b> <ul style="list-style-type: none"> <li>• The transmitter housing external x 1 pc.</li> <li>• Ties per post x 2 pcs.</li> <li>• Mast handle pipe up to 50mm x 1 pc.</li> <li>• Manual, CE declaration of conformity</li> </ul>
<b>QL-CVI-T2</b> <b>NEW 2016</b> 	<b>Wireless transmitter for two cameras CVI 2Mpx (1080p / 25 fps s), or 1.3 Mpix (720p) with a range of more than 2km.</b> The parameters identical to the transmitter QL-CVI-T1 but extended to broadcast for two analog cameras CVI and one additional IP cameras. Works with receiver Multi-EVIF  <b>QL-CVI-T2 includes:</b> <ul style="list-style-type: none"> <li>• The transmitter housing external x 1 pc.</li> <li>• Mounting for post x 2 pcs.</li> <li>* Mast pipe handle up to 50mm x 1 pc.</li> <li>* Manual, CE declaration of conformity</li> </ul>

**EVIF Receivers series**

Product	Description
<b>EVIF-Multi</b> <b>NEW 2016</b> 	<b>Multi receiver for transmitters CVI series Qara.</b>  <b>Multi-EVIF includes:</b> <ul style="list-style-type: none"> <li>• The receiver in the external casing x 1 pc.</li> <li>• Ties per post x 2 pcs.</li> <li>• Mast pipe handle up to 50mm x 1 pc.</li> <li>• Power PoE24V</li> <li>• Manual, CE declaration of conformity</li> </ul>

## ACCESORIES

Product	Description
<p><b>MT-2D</b> <b>(handle 2D)</b> <b>NEW 2016</b></p> 	<p><b>Adjustable wall-mast handle, designed for transmitters and receivers Qara and EVIF.</b></p> <ul style="list-style-type: none"> <li>• Angle adjustment: + 30degrees up; -30degrees down; 60degrees left and 60 degrees right</li> </ul> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Adjustable handle x 1 pc.</li> <li>• Mounting U-bolts for mast x 1 pc.</li> </ul>
<p><b>MTS-1D</b> <b>(steel mounting handle U-type)</b> <b>NEW 2016</b></p> 	<p><b>Universal steel holder for all hermetic systems of CAMSAT.</b></p> <ul style="list-style-type: none"> <li>• alignment angle: 90 ° left and 90 ° right.</li> </ul> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Steel Handle "U-type" x 1 pc.</li> </ul>
<p><b>ZS 12/5A</b></p> 	<p>Power supply DC 12V / 5A for radio systems Camsat Qara and EVIF.</p>

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## CCTV and AV Systems

Valid from: 16 June 2017

### Analogue audio/video transmission systems 5.8 GHz







#### CAM series

##### Common features of CAM serie systems



Product	Description
 <b>CAM-5816h</b>	Hermetic wireless audio/video transmission kit. <b>Operating range:</b> 3 km. <b>Protection rate:</b> IP65, <b>Power Supply:</b> 12V /500mA DC; <b>Kit includes:</b> transmitter and receiver with integrated directional antennas, U-bolt grips, user manual, and conformity declaration
<b>CAM-5816h/300</b>	CAM-5816h version designed for distances less than 300 m <b>Operating range:</b> up to 300 m; <b>Protection rate:</b> IP66, rest of specifications same specification as the CAM-5816h; <b>Kit includes:</b> transmitter, receiver, U-bolt grips, user manual, and conformity declaration.
 <b>CAM-5816h/5</b>	Operating range: up to 5km. <b>Protection rate:</b> IP66, <b>Kit includes:</b> transmitter, receiver, additional antenna, U-bolt grips, user's manual, and conformity declaration
 <b>CAM-5816h Multi</b>	Hermetic, Wireless transmission of audio/video with four video outputs on the receiver and four video inputs at the transmitter <b>Operating range:</b> 2 km; <b>Protection rate:</b> IP66, <b>Power supply:</b> 12V /500mA DC; <b>Operating system:</b> point-to- point; <b>Kit includes:</b> transmitter, receiver with integrated directional antennas , U-bolt grips, user manual and conformity declaration

EXTERNAL SETS







EXTERNAL RECEIVERS	<b>CAM-5816h Rx</b> 	<p>The receiver in a CAM-5816h set, Works with each transmitting device from CAM series, same specification as the CAM-5816h.</p> <p><b>Included:</b> receiver, U-bolt grips, user manual, conformity declaration.</p>
	<b>CAM-5816h Rx/300</b> 	<p>The receiver in a CAM-5816h/300 set. Works with each transmitting device from CAM series; same specification as the CAM system-5816h set.</p> <p><b>Included:</b> receiver, U-bolt grips, user manual and conformity declaration</p>
	<b>CAM-5816h Multi Rx</b> 	<p>The receiver in a CAM-5816h Multi. The range with additional Omni-directional antenna (recommended antenna - 12 dBi ProEter5 360°H / 6°V) and transmitters CAM-5816h: 1,5 km; Works with all transmitters from CAM series.</p> <p><b>Protection rate:</b> IP66, <b>Operating system:</b> Point to point of the transmitter CAM-5816h Multi TX or point-to-multipoint with four transmitters CAM-5816hTx.</p> <p><b>Included:</b> Receiver, U-bolt grips, user manual and certificate</p>
EXTERNAL TRANSMITTERS	<b>CAM-5816h Tx</b> 	<p>Transmitter in a CAM-5816h set. Works with each receiving device from CAM series. Same specification as the CAM 5816h.</p> <p><b>Includes:</b> transmitter, U-bolt grips, user manual and conformity declaration</p>
	<b>CAM-5816h Tx/300</b> 	<p>Transmitter in a CAM-5816h/300 set. Works with each receiving device from CAM series; same specification as the CAM-5816H/300.</p> <p><b>Includes:</b> transmitter, U-bolt grips, user manual and conformity declaration</p>
	<b>CAM-5816h Multi Tx</b> 	<p>Transmitter in a CAM-5816h Multi set. Works with all transmitters from CAM series; same specification as the CAM-5816h.</p> <p><b>Include:</b> transmitter, U-bolt grips, user manual and conformity declaration</p>

## TCO SERIES

### Common features of TCO serie systems:



\* Protection rate applies only to external sets.

	Product	Description
EXTERNAL SETS	<b>TCO-7h Plus</b> 	Hermetic, wireless audio/video transmission kit with the possibility to measure the radio signal; <b>Operating range:</b> from 300 m to 1.5 km; <b>Power supply:</b> 12 V /500 mA DC;  <b>Included:</b> transmitter and receiver with integrated directional antennas, U-bolt grips, user manual and conformity declaration
	<b>TCO-7h Plus/300</b> 	Version of TCO-7h Plus set designed for distances up to 300 m; except range same specification as the TCO-7h Plus set;  <b>Included:</b> transmitter and receiver with integrated directional antennas, U-bolt grips, user manual and conformity declaration
EXTERNAL Rx's	<b>TCO-7h Plus Rx</b> 	The receiver in a TCO-7h Plus set. Works with each transmitting device from TCO series; same specification as the TCO-5807h  <b>Included:</b> receiver, U-bolt grips, user manual and conformity declaration
	<b>TCO-7h Plus Rx/300</b>	The receiver in a TCO-7h Plus/300 set. Works with each transmitting device from TCO series; same specification as the TCO-7h Plus/300.  <b>Included:</b> receiver, U-bolt grips, user manual and conformity declaration
EXTERNAL Tx's	<b>TCO-7h Plus Tx</b>	Transmitter in a TCO-7h Plus. Works with each receiving device from TCO series; same specification as the TCO-7h Plus.  <b>Included:</b> receiver, Omni-directional antenna - AP-05, user manual and conformity declaration
	<b>TCO-7h Plus Tx/300</b>	Transmitter of a set of TCO-7h Plus/300.
INTERN. SET	<b>TCO-5807m</b> 	Internal miniature set of audio/video wireless transmission. <b>Miniature size:</b> transmitter can be housed in a standard external camera housing; the ability to attach external antennas AK19 - (one AK19 antenna increases the operation range to 800 m) <b>Operation range:</b> up to 200 m; <b>Power supply:</b> 12 V/350 mA DC;  <b>Included:</b> transmitter, receiver, antenna AP05, user manual and conformity declaration
INT. Tx & Rx	<b>TCO-5807m Rx</b> 	The receiver in a TCO-5807m set. Works with each transmitting device from TCO series; same specification as the TCO-5807m.  <b>Includes:</b> receiver, Omni -directional antenna AP-05, user manual and conformity declaration
	<b>TCO-5807m Tx</b> 	The transmitter of a set of TCO-5807m. Transmitter in a TCO-5807m set, works with any receiving devices from TCO series; same specification as the TCO-5807m.  <b>Includes:</b> transmitter, Omni-directional antenna AP-05, user manual and conformity declaration
ACCESORIES	<b>TCO-Meter</b>  <b>NOW IN A NEW CONVENIENT FORM!</b>	Meter of radio RSSI signal level which reaches the receiver. Designed for TCO-5807h-Rx and TCO-5807m-Rx, equip with special measuring connector. <b>Recommend for</b> precise TCO`s antenna setting. The LED display indicates the current level of the signal. No external power adapter required.  <b>Includes:</b> TCO-meter, lanyard, user manual.








# DIGITAL WIRELESS AUDIO/VIDEO TRANSMISSION SYSTEM (OFDM) 5.2 – 5.6 GHz










## Common features of CDS serie systems



\* Protection rate applies only to external sets;

\*\* Not applicable CDS-5021h STR and STR CDS-5021 which has 16 operating channels

	Product	Description
EXTERNAL SETS	<b>CDS-5021h</b> 	External kit, Application: transmission in CCTV systems. <b>Operation range:</b> up to 1 km; 1 BNC Composite Video, 2 Audio inputs as an option; 4 – 21 operating channel, <b>Resolution:</b> full PAL D1 720x576 at 25 frames per second; <b>Power supply:</b> DC 12 V/1.5A  <b>Included:</b> transmitter, receiver in IP65 housing with integrated directional antennas, U-bolt grips, user manual and conformity declaration
	<b>CDS-5021h STR</b>	Digital external kit for wireless transmission of audio / video signal, with parameters identical to CDS5021h, equipped with additional features( manual channel selection, additional watchdog etc.)  <b>Note:</b> we do not recommend mixing standard CDS h and CDS h(STR) kits on larger installs (over six kits). Please us only CDS h(STR) kits. <b>Power supply:</b> DC10-14V/1.5A; <b>Operation range:</b> up to 1 km ( even 3km with additional aerials); 16 operating channels  <b>Included:</b> transmitter, receiver in IP65 housing with integrated directional antennas, U-bolt grips, user's manual, conformity declaration
	<b>CDS-5021h STR/2 km</b> 	Version of CDS-5021h STR with two directional aerials 19 dBi, <b>Operation range:</b> up to 2 km; same specification as the CDS 5021h STR
EXTERNAL RX'S	<b>CDS-5021h Rx</b> 	The receiver in a CDS-5021h. Works with each transmitting device from CDS-5021 series; same specification as the CDS-5021h.  <b>Included:</b> receiver in IP65 housing with integrated directional antennas, U-bolt grips, user manual and conformity declaration
	<b>CDS-5021h STR Rx</b> 	The receiver in a CDS-5021h page Works with each transmitting device from CDS-5021 STR series; same specification as the CDS-5021h page  <b>Included:</b> receiver, U-bolt grips, user manual and conformity declaration
	<b>CDS-5021h STR/2 km Rx</b> 	The receiver in a CDS-5021h STR/2 km. Works with each transmitting device from CDS-5021 STR series; same specification as the CDS-5021h STR/2 km.  <b>Included:</b> receiver, additional antenna AK19, U-bolt grips, user manual and conformity declaration

EXTERNAL Tx's	<b>CDS-5021h Tx</b> 	Transmitter in a CDS-5021h. Works with each receiving device from CDS-5021 series; same specification as the CDS-5021h.  <b>Included:</b> transmitter, U-bolt grips, user manual and conformity declaration
	<b>CDS-5021h STR Tx</b> 	Transmitter in a CDS-5021h page Works with each receiving device from CDS-5021 STR series; same specification as the CDS-5021h page  <b>Included:</b> transmitter, U-bolt grips, user manual and conformity declaration
	<b>CDS-5021h STR/2 km Tx</b> 	Transmitter in a CDS-5021h STR/2 km. Works with each receiving device from CDS-5021 STR series; same specification as the CDS-5021h STR/2 km.  <b>Included:</b> transmitter, U-bolt grips, user manual and conformity declaration
INTERNAL SETS	<b>CDS-5021</b>   <b>ELEVATORS MONITORING</b>	Internal kit. <b>Operation range:</b> up to 100 m; <b>Operating channels:</b> 21 <b>Applications:</b> In-lift surveillance transmission or transmission from other moving objects, from CCTV or TV cameras, from satellite tuners, projectors, etc. Power supply: 10-14V/1.5A  <b>Included:</b> transmitter, receiver, 6x stub antenna, user manual and conformity declaration
	<b>CDS-5021 STR</b>   <b>ELEVATORS MONITORING</b>	Digital internal kit for wireless transmission of audio / video signal, with parameters identical to CDS5021 but equipped with additional features.  <b>Operation range:</b> up to 100 m; <b>Operating channels:</b> 21 <b>Applications:</b> broadcast along the route of flying vehicles, motorboats, canoes, projectors etc. <b>Power supply:</b> DC10-14V/1.5A  <b>Included:</b> Transmitter, receiver, 6x stub antenna, user's manual, conformity declaration
INTERNAL RECEIVERS	<b>CDS-5021 Rx</b> 	The receiver in a CDS-5021 STR set. Works with each transmitting device from CDS-5021 STR series; same specification as the CDS-5021 page  <b>Included:</b> receiver, AP05 antennas -3 pcs, user manual and conformity declaration
	<b>CDS-5021 STR Rx</b> 	The receiver in a CDS-5021 STR set. Works with each transmitting device from CDS-5021 STR series; same specification as the CDS-5021 page  <b>Included:</b> receiver, AP05 antennas -3 pcs, user manual and conformity declaration
INTERNAL TRANSMITTERS	<b>CDS-5021 Tx</b> 	Transmitter in a CDS-5021. Works with each receiving device from CDS5021 series; same specification as the CDS-5021.  <b>Included:</b> transmitter, AP05 antennas -3 pcs, user manual and conformity declaration
	<b>CDS-5021 STR Tx</b> 	Transmitter in a CDS-5021 STR set. Works with each receiving device from CDS-5021 STR series; same specification as the CDS-5021 page  <b>Included:</b> transmitter, AP05 antennas -3 pcs, user manual and conformity declaration



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## WIRELESS SYSTEMS FOR IP INTERCOMS AND VIDEO INTERCOMS



valid from: 16 June 2017

### IP MODULES FOR IP INTERCOMS AND VIDEO INTERCOMS

#### CDS-IntercomIP

Product	Description
<b>CDS-IntercomIP</b> (set = 2 pcs) <b>NEW 2017</b> 	<b>A set of wireless intercoms and video intercoms IP</b> The kit includes: a transmitter plus receiver for a range of 200 / 1000m.  <b>Included:</b> <ul style="list-style-type: none"> <li>• The wireless module x 2 pcs.</li> <li>• PoE power supply 48V x 2 pcs.</li> <li>• Cable ties x 2 sets.</li> </ul>
<b>CDS-IntercomIP</b> (1 pcs) <b>NEW 2017</b> 	<b>Wireless Module for IP video intercoms</b> Universal module enables wireless extension of the installation of an additional gate / door phone or receiving station (monitor / receiver).  <b>Included:</b> <ul style="list-style-type: none"> <li>• The wireless module x 1 pc.</li> <li>• PoE power supply 48V x 1 pc.</li> <li>• Ties x 1 set.</li> </ul>
* On special orders we implement wireless modules for video intercoms with omnidirectional antennas. Ask CAMSAT consultants for details	

#### Accessories

<b>MT-2D</b> (2D handle) <b>NEW 2016</b> 	<b>Universal, plastic hermetic holder for all CAMSAT systems.</b>  • alignment angle: + 30 ° advance; -30 ° down; 60 ° left and 60 ° right.  <b>Included:</b> <ul style="list-style-type: none"> <li>• Adjustable Handle x 1 pc.</li> <li>• Mounting U-bolts for mast x 1 pc.</li> </ul>
<b>MTS-1D</b> (steel mounting handle U-type) <b>NEW 2016</b> 	<b>Universal steel holder for all hermetic systems of CAMSAT.</b>  • alignment angle: 90 ° left and 90 ° right.  <b>Included:</b> <ul style="list-style-type: none"> <li>• Steel Handle "U-type" x 1 pc.</li> </ul>



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## WIRELESS SYSTEMS FOR LIFTS AND ELEVATORS


valid from: 16 June 2017

### IP MODULES FOR LIFTS AND ELEVATORS


#### CDS-LiftIP

Product	Description
<b>CDS-LiftIP (set = 2 pcs) NEW 2017</b> 	<p><b>Wireless set for the elevators and cranes</b> Set for a lift including a wireless transmitter and receiver for IP cameras.</p> <p><b>NOTE:</b> One receiver allows simultaneous reception from two transmitters. Optical visibility LOS of antennas is required.</p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• The radio module x 2 pcs.</li> <li>• The AC plug 230V AC / 48V PoE x 2 pcs.</li> <li>• U-bolt x 2 pcs.</li> <li>• MTS-1D handle x 2 pcs</li> </ul>
<b>CDS-LiftIP (1 pcs) NEW 2017</b> 	<p><b>A single wireless module for lifts and elevators</b> The module allows you to extend the work on the additional lift cabin.</p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• The radio module x 1 pc.</li> <li>• The AC plug 230V AC / 48V PoE x 1 pc.</li> <li>• U-bolt x 1 pc.</li> <li>• MTS-1D handle x 1 pcs</li> </ul>

#### Accessories




<b>MTS-1D (steel mounting handle U-type) NEW 2016</b> 	<p><b>Universal steel holder for all hermetic systems of CAMSAT.</b></p> <ul style="list-style-type: none"> <li>• alignment angle: 90 ° left and 90 ° right.</li> </ul> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>• Steel Handle "U-type" x 1 pc.</li> </ul>
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#### Wireless system for lifts for cameras CVBS, PAL, NTSC

<b>CDS-5021 STR</b>   <b>LIFTS MONITORING</b>	<p><b>Internal set with parameters identical to those CDS-5021 but equipped with additional special features significantly facilitating the selection and start-up on site.</b></p> <p><b>Range:</b> up to 100m; <b>Purpose:</b> transmission in lifts monitoring or other moving objects (barges, mobile platforms, cranes, etc.), CCTV, TV, satellite receivers, projectors, etc. <b>Power:</b> 10-14V / 1.5A DC</p> <p><b>Included:</b> transmitter, receiver, antenna x 6 pcs., manual, certificate.</p>
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**WIRELESS CCTV SYSTEMS FOR AUTOMATION AND PTZ**  
**VALID FROM: 16 June 2017**

**Data transmission**

	Product	Description
CONTROL	<b>CD-04</b> <b>NEW FUNCTIONS 2016 (TVI,AHD,CVI)</b> 	<b>Wireless control system for PTZ cameras for more than 6 km for the cameras AHD, CVI and TVI with RS485.</b> <ul style="list-style-type: none"> <li>• Interfaces: RS-485, RS-232, TTL (5V).</li> <li>• Works with cameras ANALOG, PAL, AHD, TVI, CVI</li> <li>• Operating Frequency 869MHz</li> <li>• Range: 6 km (does not require full optical visibility of antennas LOS).</li> </ul> <b>Included:</b> <ul style="list-style-type: none"> <li>• The radio module CD04 x 1 pc.</li> <li>• omnidirectional antenna x1 pc.</li> <li>• Mast handle x1 pc.</li> <li>• CE, instruction PL / EN</li> </ul>
CONTROL	<b>CD-08</b> 	<b>Wireless control system for PTZ cameras for more than 6 km for the cameras AHD, CVI and TVI with RS485.</b> <b>Included:</b> <ul style="list-style-type: none"> <li>• The radio module CD08 x 1 pc.</li> <li>• omnidirectional antenna x1 pc.</li> <li>• Mast handle x1 pc.</li> <li>• CE, instruction PL / EN</li> </ul> 
	Product	Description
	<b>CAM-9 M/S</b>	Set of wireless PAL transmission, audio, and data (for PTZ camera) KIT FOR FIRST SPEED DOME <b>Operation range:</b> 3 km; Power Supply; DC 9-14V/400 mA <b>Included:</b> transmitter of audio/video and data signal (CAM-9 S Tx), receiver of audio/video and data signal (CAM-9 M Rx), U-bolt grips, user manual and conformity declaration <b>END of series (ask for availability)</b>

**WIRELESS CCTV SYSTEMS FOR AUTOMATION AND PTZ  
VALID FROM: 16 June 2017**

**Telemetric devices for automation**

TRANSMITTER & RECEIVER	
 <b>CD-06 Rx</b>	<p><b>A module for remote control of devices, both wired (RS485) as well as through a wireless telemetry modem CD04.</b></p> <ul style="list-style-type: none"> <li>Receiving signals from PTZ keyboard enables remote control of any device. -Operating mode: a stable or bistable - depending on the control device.</li> <li>Six volt free relay outputs NO / NC rated at 4 A,</li> <li>Eight ID`s from 100 to 107,</li> <li>The baud rate of RS485 -2400bps and 9600bps,</li> <li>Pelco-D protocol,</li> <li>power supply 10-14 DC.</li> <li>CD06 cooperates with the transmitter-Tx or any PTZ keyboard with Pelco-D 2400 protocol</li> </ul>
 <b>CD-06 Tx</b>	<p><b>Controlling transmitter RS485 with six control inputs. Designed for direct control of CD06-Rx.</b></p> <ul style="list-style-type: none"> <li>Designed for transmission of such states from f.e.: limit switches of the gates, doors, weather panels, from detectors to control panels or from control panels to signaler. -The transmitter can control two receivers simultaneously CD06-Rx with different addresses, or 32 receivers with same ID.</li> <li>Operating mode a stable or bistable.</li> <li>Eight ID address from 100 to 107, the baud rate of RS485 -2400bps and 9600bps, -Pelco-D protocol,</li> <li>Power supply 10-14 DC</li> </ul>
CASINGS	
 <b>CD-H Rx</b>	<p>External Casing for CD06-Rx receiver, IP56, U-bolt grip 35-55 mm</p>
 <b>CD-H Tx</b>	<p>External casing for CD06-Tx receiver, IP56, U-bolt grip 35-55 mm.</p>
Product	Description
<b>WCT-02H</b>	<p><b>The wireless module for the wireless remote control and receiver executive of I / O ports in a single device, enabling remote control within a radius of 3km.</b></p> <p>WCT-02h functions as a wireless transmitter and receiver control with a range of 3km.</p> <p><b>Included:</b></p> <ul style="list-style-type: none"> <li>module WCT-02H x 1 pc,</li> <li>omnidirectional antenna mini x 1 pc. .</li> <li>manual, declaration of conformity</li> </ul> <p><b>END of series (ask for availability)</b></p>
CONTROL	

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## ANTENNAS AND ACCESSORIES



valid from: 16 June 2017

### Antennas and accessories recommended for Camsat transmission systems



Product	Description	Compatible with
<b>AK02 (2.4GHz)</b> 	Directional antenna 2.4 GHz, gain 9 dBi, flat, 120x80 mm	2.4 GHz Systems
<b>AK58 (5,8GHz)</b> 	Directional antenna 5.8 GHz, gain 5 dBi, flat, 120x80 mm	TCO-5807m, CAM-5816h, CAM-5816m
<b>AK19 (5.8GHz)</b> 	Directional antenna 5.8 GHz, gain 196 dBi, beam width 18°H/18°V, 160x160 mm	CAM-5816h, CDS-5021h, CDS-5021h STR, TCO-5807m
<b>GD-27dbi (5,8GHz)</b> 	Directional antenna 5.8 GHz, gain 27 dBi, parabolic grid 650 mm, weight 3.5 kg	CAM-5816h, CDS-5021 STR
<b>GD-24dbi (5.8GHz)</b> 	Directional antenna 5.8 GHz, gain 24 dBi, parabolic grid 450 mm, weight 3 kg	CAM-5816, CDS-5021 STR
<b>AP05 (5,8GHz)</b> 	Omni directional stub antenna, gain 5 dBi, beam width 360°H/18°V	TCO-5807m, CAM-5816h, CDS-5021h, CDS-5021h STR
<b>ProEter 5.8 12dbi</b>	Omni directional antenna 5.8 GHz, gain 12 dBi, beam width 360°H/6°V	CAM-5816h, CAM-5816h Multi Rx,
<b>ProEter 5.2 12dbi</b>	Omni directional antenna 5.2 GHz, gain 12 dBi, beam width 360°H/6°V	CAM-5816h, CDS-5021h STR, CDS-5021m STR

ANTENNAS

	<b>Sektor5 MIMO 17dbi</b>	Sector antenna 5.8 GHz, gain 17 dBi, beam width 90°H/8°V	CDS-5021h, CDS-5021h STR,
	<b>Sektor5 17dbi</b>	Sector antenna 5.8 GHz, gain 17 dBi, beam width 90°H/8°V	CAM-5816h, CDS-5021h, CDS-5021h STR

PSU	<b>ZS 12/2A</b> 	PSU DC 12 V/2 A for Camsat wireless transmission systems.
	<b>ZS 12/5A</b> 	PSU DC 12 V/5 A for Camsat wireless transmission systems.

### Accessories

	<b>MT-2D</b> <b>(2D handle)</b> <b>NEW 2016</b> 	<p><b>Universal, plastic hermetic holder for all CAMSAT systems.</b></p> <ul style="list-style-type: none"> <li>• alignment angle: + 30 ° advance; -30 ° down; 60 ° left and 60 ° right.</li> </ul> <p><b>Includes:</b></p> <ul style="list-style-type: none"> <li>• Adjustable Handle x 1 pc.</li> <li>• Mounting U-bolts for mast x 1 pc.</li> </ul>
	<b>MTS-1D</b> <b>(steel mounting handle U-type)</b> <b>NEW 2016</b> 	<p><b>Universal steel holder for all hermetic systems of CAMSAT.</b></p> <ul style="list-style-type: none"> <li>• alignment angle: 90 ° left and 90 ° right.</li> </ul> <p><b>Includes:</b></p> <ul style="list-style-type: none"> <li>• Steel Handle "U-type" x 1 pc.</li> </ul>