



SECTRON
SECURITY & COMMUNICATION SYSTEMS



Solutions for your security

Dear colleagues and partners,

In front of you is the new edition of Sectron's newsletter.

In this edition we present you info for the following new security solutions:

- **SECTRON - exclusive distributor of fire, extinguishing and gas detection systems COFEM**
- **Price lists update**
- **4 megapixel IP cameras replace the current models in HIKVISION EasyIP series**
- **DS-2CD2D14WD – mini megapixel IP camera HIKVISION suitable for discreet surveillance**
- **New mini PT (Pan / Tilt) WDR IP camera HIKVISION with 2 megapixel resolution (1080p)**
- **Active network communication solutions from ACORID**
- **HYTERA PD365LF - License-free DMR radios with modern look**
- **MAT™ New alarm transmitter from KP Electronics**
- **New security policy for the HIKVISION CCTV devices**

In this edition:

- **Sectron news**
- **New products**
- **Software Updates**

SECTRON - exclusive distributor of fire, extinguishing and gas detection systems **COFEM**

SECTRON conclude an Exclusive distribution agreement with the approved Spanish producer COFEM. SECTRON will offer budget solutions and a full range of products for fire detection - conventional, addressable series, fire suppression and gas detection systems.



SECTRONs team will be glad to provide you with professional solutions, complete product information and stock availability.

Budget conventional solutions for fire detection systems from **COFEM**

COFEM's CLVR series conventional fire alarm control panels are economical fire alarm solution. This appropriation fire panels are certified to EN 54-2, EN 54-4 and are characterized by:

- 2 to 12 zones of detection
- Up to 32 detectors per zone
- 2x monitored outputs for sirens
- 2x additional 30V monitored outputs for escape devices in event of fire



Conventional fire alarm control panels COFEM are working with open protocols and are compatible with conventional detectors and manual alarm buttons on most manufacturers of fire equipment.

Conventional fire detectors **COFEM**



A35BS
Conventional
Optical Smoke
Detector

€ 8,30



A35BST
Combined
Conventional
Optical Smoke and Heat
Detector

€ 8,50



A30XV
Combined
Heat
Detector

€ 9,80



A30XT
Heat
Detector

€ 7,30

More information about the new fire detection systems COFEM can see here. 

Price lists update

SECTRON have updated the most price lists in June and July 2015. Here are some highlights of our current price lists. We offer new products and better price levels to provide you with additional competitive advantages in bidding. Here are some of the innovations in different systems:

Alarm systems and perimeter security:

- New wireless siren for outdoor installation (IP54) with built-in strobe light and siren 100db – Paradox SR130
- New "curtain" type motion detector for outdoor / indoor protection with PET immunity and active anti-masking technology from Paradox - NV35M, NV35MX (addressable with control panels EVO), NVR35M (wireless version)
- New special price of € 26 for transmitter KP Electronics MAT-VHF
- 75 VA / 16,5V network transformer with fuse for Paradox Insight
- Lower prices for microwave barriers MANTA 50 MANTA 80

CCTV:

- New HD-TVI (TurboHD) cameras and tribrid recorders from Hikvision with real-time recording (25 fps) at FullHD resolution
- Peephole camera with integrated bell will be available in August
- New budget wireless IP cameras from Foscam
- Active network equipment from Acorid
- Systems for transmission of video signal over UTP cable from UTEPO

Fire

- Fire detection and fire suppression control panels and detectors from COFEM
- A system for gas detecting from COFEM
- Monotone detector "Fire-Cryer" VIMPEX FC3 / A / W / O / S-HYD
- DC / DC isolator gas Hochiki (KFD0-CS-Ex2.51P)

Communication Systems

- DMR communications terminals from Hytera
- License-free radio stations with modern design of Hytera
- HQT Budget solutions for radiocommunications

For Current price lists contact your SECTRON's local representative. 








4 megapixel IP cameras replace the current models in HIKVISION EasyIP series

New series 4-megapixel models replace the existing so popular 3-megapixel IP cameras in the Hikvision EasyIP series.

Updates in the 4-megapixel series against previous 3-megapixel cameras are:

- Higher resolution of 4 megapixels (2688x1520);
- Wide Dynamic Range (WDR 120dB);
- Lower cost than the current 3-megapixel models

Here are the new models and the corresponding old that are replaced:

	Current model	HIKVISION	New model
	DS-2CD2032-I	→	DS-2CD2042WD-I
	DS-2CD2132-I	→	DS-2CD2142FWD-I
	DS-2CD2332-I	→	DS-2CD2242WD-I
	DS-2CD2532-IS	→	DS-2CD2542FWD-IS
	DS-2CD2632F-I	→	DS-2CD2642FWD-I
	DS-2CD2732F-IS	→	DS-2CD2742FWD-IS
	DS-2CD2T32-IS	→	DS-2CD2T42WD-IS

DS-2CD2D14WD – mini megapixel IP camera HIKVISION suitable for discreet surveillance

From July 2015 SECTRON offers at stock new miniature megapixel IP camera HIKVISION DS-2CD2D14WD. The camera provides HD resolution (1280x720) and is extremely compact.

Among the main parameters of the camera are:

- Integrated pinhole lens 3.2 mm;
- HD resolution (1280x720 @ 25 fps / sec);
- Light sensitivity 0.028 Lux;
- Wide dynamic range of 120dB (WDR);
- 3D digital noise filter (3D DNR);
- Extremely compact housing - 37.3 × 41.4 × 24.3 mm;



Miniature housing and integrated pinhole lens makes the camera particularly suitable for discreet and covert monitoring of internal areas as the HD resolution ensures high quality image detail previously unattainable in the mini cameras. For further improvement of the picture in adverse conditions (strong backlight, darkness) are available 120dB wide dynamic range (WDR), and mechanical IR cut filter (IR-cut), 3D digital noise filter (3D DNR).

DS-2CD2D14WD comes at a price of **102 EUR** excluding VAT.

Additional info for **DS-2CD2D14WD** can be found here 

New mini PT (Pan / Tilt) WDR IP camera HIKVISION with 2 megapixel resolution (1080p)

From the beginning of July at the SECTRON's offices will be available the new mini manageable IP camera HIKVISION DS-2CD2F22FWD-IS. The camera provides 2-megapixel resolution and is equipped with a motorized control.

Among the main parameters of the camera are:

- Motorized Pan / Tilt mechanism (Pan: -90 ° ~ 90 °; Tilt: 0 ° ~ 75 °);
- 2.0 Megapixel (1920x1080 @ 25 fps / sec);
- Built-in IR illumination up to 10 m;
- Wide dynamic range of 120dB (WDR);
- 3D digital noise filter (3D DNR);
- SDXC card slot;
- Audio input / output; alarm input / output.
- Optional Wi-Fi



SECTRON offers the base model of **DS-2CD2F22FWD-IS** at extremely attractive price of **136 EUR** excluding VAT.

Additional info for **DS-2CD2F22FWD-IS** can be found here 

Active **network** communication solutions from ACORID

SECTRON will offer to Bulgarian market active network equipment specialized for use in IP video systems from Acorid (www.acorid.com).

The product range includes 4/8/16/24-port network switches, characterized by professional design and PoE (Power Over Ethernet) support on each channel (standard IEEE 802.3af; to 15.4W / port). 16 and 24-port models feature a 2 pcs. 1000Mbps Uplink ports (Copper / SFP) and standard 19" Rackmount chassis for mounting in rack.

Special attention should be paid to the 8-port model LS5204P, which provides transmission of standard Ethernet signal up to a distance of 250 m. without the need for additional intermediate devices. A PoE injector for IP cameras and a set of transceivers (receiver and transmitter) for transmission of the Ethernet signal (100Mbps) over coaxial cable (up to 300 m) complement Acorid product range.

**ACORID**⁺

Additional info for the ACORID products can be found here 

HYTERA PD365LF - License-free DMR radios with modern look

PD365LF is digital license-free DMR radio with compact size and design as a mobile phone. PD365LF is one of the first DMR radios that work in the 446 MHz frequency band.

Thanks to the compact design and intuitive control this DMR T1 radio is the perfect solution for everyday operation at shops, hotels, warehouses.



Additional info for the PD365LF can be found here 

MAT™ New alarm transmitter from KP Electronics

MAT is a new generation alarm transmitter suitable for monitoring of small sites. The new mini alarm transmitter from KP features four input and output power of 5 W in VHF range. MAT is the latest development of KP Electronics and combines the latest generation of SMD design with low price, making it a suitable solution for even the smallest monitoring companies at the market. Main advantages of the transmitter are:

- Programmable periodic test messages
- Dual band transmission mode

More information about the new transmitter can be found here 



New security policy for the **HIKVISION** CCTV devices

Hikvision introduce new security policy in recent firmware versions of the DVR/ NVR recorders. The new policy is focused on the follow:

1. Upon initial entry, the user is asked to change the "admin" default password "12345" or if introduced another if the one already used is with low level of security. The new password must meet the following criteria:
 - Length of 8 to 16 characters. Minimum length of 8 characters.
 - The password must contain numbers, letters, capital letters or special characters, such as are required at least two types of them (such as lowercase letters and digits).
 - Changing the password is obligatory (can not remain the default password).
 - The requirement for a complex password can not be excluded!
2. After five consecutive attempts to login with the wrong password, the following happens:
 - When trying to remote login over the network: IP address of the device that attempts were made from locks for 30 minutes. During this time, it is possible to connect through another IP address with the same user. This setting can be seen after connection with a new version of iVMS4200 (version 2.3.1.3 or higher) in the menu "System" -> "Login security", where IP addresses can be "unlocked" or directly to prohibit this security level.
 - When trying to login locally on the DVR: User lock for 1 minute..



Note: If you change the password of DVR and this recorder is registered at various remote locations (eg. computers running iVMS4200 or mobile telephones with iVMS4500) it is possible corresponding IP addresses to be blocked earlier, since the software is trying to connect with the old password which DVR report as invalid input attempt. I.e. it is required password to be replaced at all remote locations.

3. The new security policy is also reflected in the new version V.2.3.1.3 of iVMS-4200:
 - Change in the way your recording devices for video surveillance are registered in the HIKVISION software
 - All new devices with the latest firmware must be enabled by putting a password before they are added to the iVMS-4200
 - A new method for password recovery devices.
 - Optimized strategy to lock specific devices

iVMS-4200



More details of the new security policy can be learn here 

Latest version of HIKVISION iVMS-4200 (v2.3.1.3) can be downloaded from here 