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CATALOG

IP COMMUNICATION 2017

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2017 GENERAL SALES TERMS

1. Prices are subject to change without notice.
2. Prices are in Euros. F.O.B. EMACS®, SPAIN Distribution Center, EEC Import Tax excluded
3. All orders are final. For details on changes or cancellations, please **consult EMACS®**.
 - a. Any changes required after order accepted by EMACS® will involve an extension of the deadline and possibly a change in price, which will be determined by our relevant department.
 - b. While the order is not definitively confirmed, the time indicated by EMACS® until then always will be an approximation.
4. The stipulated period of delivery will be automatically extended in time to be determined by our relevant department, if two things happen:
 - a. Introduction of amendments to the original order, at the request of the CUSTOMER while it is running.
 - b. Delayed essential documentation, specifications, designs or clarifications requested by EMACS®, to the implementation of the supply order.
5. The delivery period will be extended also in cases of irregular situations that modify the conditions of production, such as:
 - a. Lack of material caused by the failure of our suppliers or by the absence in the domestic market of materials whose acquisition was planned in that market.
 - b. Service disruption of transport, strikes, and other social or labor unrest, military demonstrations, wars, disasters, unusual weather causes, fires in our facilities, serious accidents indispensable machines in production order, unexpected power interruption for long periods restrictions, or opposition from the authorities.
6. During the execution of the order could be introduced any changes in the design of materials, only if this does not prejudice the quality levels of our supplies and resulting diminished assumed no guarantees for this reason.
7. Each and every one of the documents or studies of any kind as sketches, designs, reports, calculations, specifications and similar reports, supplied or shipped to the CUSTOMER are always the exclusive property of EMACS® and, in any case, may be used or disclosed to third parties, without our prior written consent; giving rise to the obligation to compensate the non-fulfilment of the above.
8. In the price of materials is not included any expenses incurred by the manufacturing inspection and receiving materials to be made by the CUSTOMER or by a representative, unless specific clause; then the inspection or review must be clearly specified.
9. Our warranty is limited to the repair or replacement as soon as possible and on our own, of any defective product or part, of failing to be checked and allocated to the raw material and / or manufacturing defects.
 - a. Returns any material is subject to RMA process established by the manufacturer, managed by EMACS®. The RMA process establishes the analysis of damage in the material, and amounts refunds or substitutions, as determined by HID® or EMACS®.
 - b. For return of products, by RMA request under warranty, a charge of € 73.47 applies if the product does not have any default, in respect of shipping and test costs performed.
 - c. The RMA process is performed carriage paid by the CUSTOMER.
 - d. General conditions for payments agreed may not be valid RMA process, as determined by EMACS®.
10. EMACS® does not assume in any case, the responsibilities for other damages, direct or indirect, as well as those resulting from downtimes due to repair or replacement of parts.
11. Using unrelated staff to our services to carry out modifications or repairs jobs for our products, immediately will override the duration of the warranty period.
12. All and any irregularities within the warranty shall be reported in writing immediately, with urgent status and accompanied information with the reasons that have caused the failure, under penalty of cancellation of that warranty.
13. Repair or modification or replacement of parts during the warranty period does not involve the extension of the term thereof.
14. Parts replaced within the warranty period shall be in possession or under possession of EMACS®.
15. All trademarks and registered trademarks are the properties of their respective companies.
16. EMACS® reserves the right of ownership of all goods for which payment has not been entirely satisfied invoice due and can remove it from the customer's home or any other place where it shall find.
17. Minimum Order quantity is 10 for all NEDAP® SENSIT™ sensors and NEDAP® SENSIT™ EPL devices. Orders will be accepted in multiples of 10 pieces thereafter.
18. NEDAP® SENSIT™ equipment cannot be supplied to private customers under any conditions. As distributors/wholesalers, from EMACS® we only can supply equipment to companies or institutions that meet the sales conditions at http://www.emacs.es/downloads/HTOG/SENSIT_Nedap_Terms_and_conditions_v6.0.pdf
19. Can be required a prior NDA agreement to the customer, pending approval from the manufacturer: NEDAP™. If one of the parties denies the NDA agreement (customer or manufacturer), the supply could not be authorized, and the import of the purchase would be refunded by EMACS®.
20. For SENSIT™ devices international supplies, express authorization from NEDAP® is required, due to the current radio frequency regulations in each territory.



4.0 | IP INTERCOMMUNICATION



Audio and Video IP Communications



4.1 | IP/SIP SYSTEMS

Network-based communication and security systems



AIPHONE™ IX Series IP Video Intercoms

	P/N	Model	Interface	Protection	Audio	Video	Description	List Price
	I720EX	AIPHONE™ IX-BAF IP Audio Door Station	RJ45 10Base-T / 100Base-TX, PoE	IP55	600Ω, 300mV RMS	NO	The IX-BAF is an IP audio only door station for the IX Series. PoE. It will call up to 20 IX-MV masters or instances of the IX MOBILE. The door station features a form C contact for door release, a 600 ohm output for paging or an amplified speaker, and a contact input. PoE.	813,17 €
	I723EX	AIPHONE™ IX-DVF IP Audio-Video Door Station	RJ45 10Base-T / 100Base-TX, PoE	IP55	600Ω, 300mV RMS	1/4" color CMOS VGA	The IX-DVF is an IP audio and video door station for the IX Series. PoE. It will call up to 20 IX-MV masters or instances of the IX MOBILE. The door station features a stainless steel face plate, a form C contact for door release, a 600 ohm output for paging or an amplified speaker, and a contact input.	1.003,50 €

Accessories for AIPHONE™ IX Series IP Video Intercoms

P/N	Description	List Price
I727CX	Box AIPHONE™ CIX for surface mount with shade for IX-BAF and IX-DVF. Inox.	146,89 €

AXIS® IP / SIP Network Video Door Stations

	P/N	Model	Interface	Size	Protection	Weight	Description	List Price
	0673-001	AXIS® A8004-VE Network Video Door Station	RJ45 10Base-T / 100Base-TX, PoE	140 x 260 x 55.5 mm	IP66, NEMA 4X, IK08	1,87 Kg	Open, non-proprietary IP-based door station for two-way communication, identification and remote entry control. The unit includes a HDTV camera with WDR and excellent low-light performance offering reliable 24/7 identification. The product connects to existing IP network and the use of Power over Ethernet allows for installation with one single network cable. It is a robust outdoor unit with a high performing intercom function providing clear, uninterrupted an echo-free speech also in the most demanding situations.	1.049,00 €
	0871-001	AXIS® A8105-E Network Video Door Station	RJ45 10Base-T / 100Base-TX, PoE	147.5 x 35 x 48 mm	IP65, NEMA 4X	280 g	Open, non-proprietary IP-based door station for two-way communication, identification and remote entry control. The unit includes a HDTV camera with WDR and excellent low-light performance offering reliable 24/7 identification. The product connects to existing IP network and the use of Power over Ethernet allows for installation with one single network cable. It is an indoor unit with a high performing intercom function providing clear, uninterrupted an echo-free speech also in the most demanding situations.	799,00 €





Accessories for AXIS® IP / SIP Network Video Door Stations

P/N	Description	List Price
5801-131	Junction Box. Recessed mount of AXIS® A8004-VE Network video door station suitable for most wall types.	69,00 €
5801-141	AXIS® A9801 Security Relay offers an easy and cost efficient way to improve security for doors	99,00 €



4.1 | IP/SIP SYSTEMS

Network-based communication and security systems

AIPHONE™ IS Series IP Video Intercoms

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	I373E3	AIPHONE™ IS-DVF IP Audio-Video Door Station	RJ45 10Base-T / 100Base-TX, PoE	265 x 150 mm (caja 235 x 120 x 45 mm)	Microphone and Speaker	PTZ 1/4" color CMOS VGA	The IS-DVF is a stainless steel, flush mount video door station and is both vandal and weather resistant. It connects to the IS-CCU or IS-SCU using CAT-5e/6 cable. There is a dry contact for door release. The IS-DVF is powered by the system.	419,02 €
	I373E5	AIPHONE™ IS-SS IP Audio Door Station	RJ45 10Base-T / 100Base-TX, PoE	265 x 150 x 42 mm	Microphone and 8Ω Speaker	NO	The IS-SS is a stainless steel, flush mount audio only door station and is both vandal and weather resistant. It connects to the IS-CCU, IS-SCU, or IS-RCU using CAT-5e/6 cable. There is a dry contact for door release. The IS-SS is powered by the system.	180,09 €
	I373E6	AIPHONE™ IS-IPDV IP Audio-Video Door Station	RJ45 10Base-T / 100Base-TX, PoE	215 x 105 x 28 mm	Microphone and Speaker	PTZ 1/4" color CMOS VGA	The IS-IPDV is an IP addressable aluminum die cast, surface mount video door station and is both vandal and weather resistant. It connects directly to a network using CAT-5e/6 cable and can communicate with any master station connected to an IS-IPC, any IS-IPMV or any IS-SOFT on a network. There is a dry contact for door release. This station utilizes 802.3af-compliant power-over-ethernet, or an external 24V DC power supply, PS-2420UL.	960,44 €
	I373E7	AIPHONE™ IS-IPDVF IP Audio-Video Door Station	RJ45 10Base-T / 100Base-TX, PoE	265 x 150 x 42 mm	Microphone and Speaker	PTZ 1/4" color CMOS VGA	The IS-IPDVF is an IP addressable stainless steel, flush mount video door station and is both vandal and weather resistant. It connects directly to a network using CAT-5e/6 cable and can communicate with any master station connected to an IS-IPC, any IS-IP-MV, or any IS-SOFT on a network. There is a dry contact for door release. This station utilizes 802.3af-compliant power-over-ethernet, or an external 24V DC power supply, PS-2420UL.	1.097,92 €




DAHUA™ IP Video Intercoms

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	VTO2000A	Outdoor DAHUA™ IP Video Intercom 1.3 Mpx	RJ45 10Base-T / 100Base-TX	129.9 x 140 x 32.2 mm	Bidirectional. Microphone and Speaker	Color 1.3MPx CMOS HD, 720P with night vision	IP Villa Outdoor Station. Stainless steel pane, IP54, IK07. Color 1.3 MP CMOS camera, support 80° wide angle lens and angle adjusting. Support mobile phone software. Call indoor monitor and management centre. Support unlock remotely. Support group call function. Flush mounted & Surface mounted. support vandal proof.	191,05 €
	DHI- VTO1210C-X	DAHUA™ IP Apartment Outdoor Station	RJ45 10Base-T / 100Base-TX	406 x 143 x 42 mm	Bidirectional. Microphone and Speaker	Color 1.3MPx CMOS HD, 720P.	3-inch STN screen, vivid pictures are on show. Stainless steel panel, mechanical buttons. Adopt TCP/IP network host, support SNMP network protocol. Network security technology, provides stable and safe operating environment. Support night vision, voice indication. Surface mounted & Flush mounted. Support card and password to open the door. IP54.	19,11 €





4.1 | IP/SIP SYSTEMS

Network-based communication and security systems

Installation Elements for DAHUA™ IP Interfaces

	P/N	Model	Size	Modules	Finish	Mounting	Description	List Price
	VTOB108	Enclosure for DAHUA™ IP Video Intercom	145 x 134 x 88 mm	1	Metal	SURFACE	Accessory for surface mount for VTO1210C-X device.	19,11 €
	VTOB103	DAHUA™ Flush Mounted Box for VTO1210C-X	126 x 389 x 71 mm	1	Plastic	FLUSH	Flush Mounted Box for VTO1210C-X device.	7,17 €
	VTOB110	DAHUA™ Surface Mounted Box for VTO1210C-X	145 x 134 x 70 mm	1	Metal	SURFACE	Surface Mounted Box for VTO1210C-X device.	64,48 €







DAHUA™ IP Modular Outdoor Stations

	P/N	Model	Size	Protection	Implements	Voltage	Description	List Price
	VTO2000 A-C	DAHUA™ Camera Outdoor Station IP Module	110.7 x 118.1 x 42.3 mm	IP54, IK07	Color 1.3MPx CMOS HD (720p) H.264	24 VDC	Camera Outdoor Station Module. Color camera. Day/Night camera means full visibility regardless of conditions or time. Viewing angle of 80 degrees allows for a wide field of view. To be used with CAT-5 cable. Call indoor monitor and management centre. Flush mounted & Surface mounted. Ideal for use on residential apartment blocks or business premises. 24v Passive PoE (VTNS1060A switch). IP54, IK07.	264,00 €
	VTO2000 A-B	DAHUA™ 3 Buttons Module	110 x 120 x 24.9 mm	IP54, IK07	3 Mechanical Buttons	From VTO2000A-C Module	The VTO2000A-C is connected with one network cable to the special DAHUA™ PoE switch (VTNS1060A) for the data signal and power supply. The DAHUA™ VTO2000A-B is connected to the VTO2000A-C and receives power from the switch via the VTO2000A-C. 24v Passive PoE (VTNS1060A switch).	99,00 €
	VTO2000 A-R	DAHUA™ RFID MIFARE® Card Reader Module	110 x 120 x 24.9 mm	IP54, IK07	Compatible MIFARE® Classic 13.56 MHz	From VTO2000A-C Module	DAHUA™ VTO2000A-R MIFARE® card reader module a connected door lock can be unlocked with an access card. The VTO2000A-R is connected with one network cable to the special DAHUA™ PoE switch (VTNS1060A) for the data signal and power supply. The DAHUA™ VTO2000A-R is connected to the VTO2000A-C and receives power from the switch via the VTO2000A-C.	CONSULT
	VTO2000 A-K	DAHUA™ Numeric Keyboard Module	110 x 120 x 29 mm	IP54, IK07	14 Mechanical Buttons	From VTO2000A-C Module	DAHUA™ VTO2000A-K module a connected door lock can be unlocked with a pin code. The VTO2000A-K is connected with one network cable to the special DAHUA™ PoE switch (VTNS1060A) for the data signal and power supply. The DAHUA™ VTO2000A-K is connected to the VTO2000A-C and receives power from the switch via the VTO2000A-C.	132,00 €

4.1 | IP/SIP SYSTEMS

Network-based communication and security systems



Optional Installation Elements for DAHUA™ IP Modular Outdoor Stations

	P/N	Model	Size	Modules	Finish	Mounting	Description	List Price
	VTOF002	Front Panel for 2 DAHUA™ Modules	257 x 145 x 11 mm	2	Stainless Steel	SURFACE	Front Panel for 2 DAHUA™ Modules.	82,50 €
	VTOF003	Front Panel for 3 DAHUA™ Modules	369 x 145 x 11 mm	3	Stainless Steel	SURFACE	Front Panel for 3 DAHUA™ Modules.	CONSULT
	VTOB113	Surface Mounted Box for 2 DAHUA™ Modules	261.4 x 149.4 x 80.6 mm	2	Aluminum	SURFACE	Surface Mounted Box for 2 DAHUA™ Modules. Aluminum.	53,01 €
	VTOB114	Surface Mounted Box for 3 DAHUA™ Modules	373.4 x 149.4 x 80.6 mm	3	Aluminum	SURFACE	Surface Mounted Box for 2 DAHUA™ Modules. Aluminum.	CONSULT
	VTOB111	Flush Mounted Box for 2 DAHUA™ Modules	255.4 x 143.4 x 50.8 mm	2	SPCC	FLUSH	Flush Mounted Box for 2 DAHUA™ Modules.	26,40 €
	VTOB112	Flush Mounted Box for 3 DAHUA™ Modules	367.4 x 143.4 x 50.8 mm	3	SPCC	FLUSH	Flush Mounted Box for 3 DAHUA™ Modules.	CONSULT






4.1 | IP/SIP SYSTEMS

Network-based communication and security systems

2N® Helios IP Verso™ Intercoms

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	9155101C	2N® Helios IP Verso™ Basic Camera Unit	10/100BASE-TX s Auto-MDIX, RJ-45	257 x 130 x 2.5 mm	1 Integrated Microphone, 2W Speaker	640 x 480 px (H.263+, H.263, H.264, MJPEG, MPEG-4)	Basic SIP 2.0 unit with camera (JPEG: 1280 x 960 px, video call: 640 x 480 px, View angle: 120° (H), 90° (V), 145° (D), and IR Night Vision). Video codecs H.263+, H.263, H.264, MJPEG, MPEG-4. 1 integrated microphone and 2W loudspeaker. Power supply: 12V±15%/2A DC or PoE 802.3af (Class 0 – 12.95W). LAN: 10/100BASE-TX with Auto-MDIX, RJ-45. Relay outputs: NC/NO contacts, max 30V/1A AC/DC. Active output: 8V – 12V DC/400mA. Operating temperature range: -40° to 60°C. IP54. IK08.	795,37 €
	9155101	2N® Helios IP Verso™ Basic Unit	10/100BASE-TX s Auto-MDIX, RJ-45	257 x 130 x 2.5 mm	1 Integrated Microphone, 2W Speaker	N/A	Basic SIP 2.0 unit without camera. 1 integrated microphone and 2W loudspeaker. Power supply: 12V±15%/2A DC or PoE 802.3af (Class 0 – 12.95W). LAN: 10/100BASE-TX with Auto-MDIX, RJ-45. Relay outputs: NC/NO contacts, max 30V/1A AC/DC. Active output: 8V – 12V DC/400mA. Operating temperature range: -40° to 60°C. IP54. IK08.	402,78 €






2N® Helios IP Verso™ Modules

	P/N	Model	Interface	Size	Function	Video	Description	List Price
	9155035	2N® Helios IP Verso™ 5 Buttons Module	Helios IP Verso™ internal Bus	105 x 97 x 27 mm	Dial Buttons	IP54, IK08	2N® Helios IP Verso™ 5 buttons module for quick selection. Transparent buttons with white light, with easy label changing. Operating temperature range: -40° to 60°C. IP54. IK08.	87,60 €
	9155031	2N® Helios IP Verso™ Keyboard Module	Helios IP Verso™ internal Bus	105 x 97 x 27 mm	Dial Numeric Keyboard	IP54, IK08	2N® Helios IP Verso™ numeric keyboard module. Operating temperature range: -40° to 60°C. IP54. IK08.	204,78 €
	9155030	2N® Helios IP Verso™ Infopanel	Helios IP Verso™ internal Bus	105 x 97 x 27 mm	Informative Panel	IP54, IK08	2N® Helios IP Verso™ info panel module. Operating temperature range: -40° to 60°C. IP54. IK08.	79,50 €
	9155032	2N® Helios IP Verso™ 125 KHz RFID Module	Helios IP Verso™ internal Bus	105 x 97 x 27 mm	125 KHz RFID Card Reader	IP54, IK08	Card reader for 2N® Helios IP Verso™ intercom. Supported cards: EM4100, EM4102, HID® Prox™.	113,34 €
	9155033	2N® Helios IP Verso™ 13.56 MHz RFID Module	Helios IP Verso™ internal Bus	105 x 97 x 27 mm	13.56 MHz RFID Card Reader	IP54, IK08	Card reader for 2N® Helios IP Verso™ intercom. Supported cards: Mifare Classic 1k & 4k, DESFire EV1, Mini, Plus S&X, SmartMX, Ultralight, Ultralight C, SLE44R35, my-d move (SLE66Rxx), PayPass, Legic Advant Calypso, Moneo, PicoPass, HID® iCLASS™.	166,80 €

4.1 | IP/SIP SYSTEMS

Network-based communication and security systems





2N® Helios IP Verso™ Modules

	P/N	Model	Interface	Size	Function	Protection	Description	List Price
	9155040	2N® Helios IP Verso™ 13.56 MHz RFID + NFC Module	Helios IP Verso™ internal Bus	105 x 97 x 27 mm	13.56 MHz RFID + NFC Card Reader	IP54, IK08	Card reader for 2N® Helios IP Verso™ intercom. Supported cards: Mifare Classic 1k & 4k, DESFire EV1, Mini, Plus S&X, SmartMX, Ultralight, Ultralight C, SLE44R35, my-d move (SLE66Rxx), PayPass, Legic Advant Calypso, Moneo, PicoPass, HID® iCLASS™. Supported 125kHz cards: EM4100, EM4102, HID® Prox™. NFC support: Yes, provided that HCE and 2N® Mobile Key application are included.	177,49 €
	9155042	2N® Helios IP Verso™ Secured 13.56 MHz RFID + NFC Module	Helios IP Verso™ internal Bus	105 x 97 x 27 mm	Safe 13.56 MHz RFID + NFC Card Reader	IP54, IK08	Secured card reader for 2N® Helios IP Verso™ intercom. Supported cards: Mifare Classic 1k & 4k, DESFire EV1, Mini, Plus S&X, SmartMX, Ultralight, Ultralight C, SLE44R35, my-d move (SLE66Rxx), PayPass, Legic Advant Calypso, Moneo, PicoPass, HID® iCLASS™. Supported 125kHz cards: EM4100, EM4102, HID® Prox™. NFC support: Yes, provided that HCE and 2N® Mobile Key application are included.	235,22 €
	9155044	2N® Helios IP Verso™ VIGIK™ Module	Helios IP Verso™ internal Bus	105 x 97 x 27 mm	VIGIK™ RFID Card Reader	IP54, IK08	VIGIK™ module for 2N® Helios IP Verso™ intercoms.	207,90 €
	9155034	2N® Helios IP Verso™ I/O Module	Helios IP Verso™ internal Bus	80 x 60 x 5 mm	2 x Logic Input + 2 x Output Relays	IP54	For use as part of the 2N® Helios IP Verso™ Modular Door Entry system. Used in conjunction with the Verso™ 9155101 or 9155101C Main Basic Units, this module provides logical inputs and outputs for sensor integration, door control or other devices requiring NO/NC switching.	41,58 €
	9155037	2N® Helios IP Verso™ Wiegand Module	Helios IP Verso™ internal Bus	80 x 60 x 5 mm	Wiegand Input Connector	IP54	2N® Helios IP Verso™ wiegand module.	67,52 €
	9155041	2N® Helios IP Verso™ Loop Module	Helios IP Verso™ internal Bus	105 x 97 x 27 mm	Wireless Sound Transmission	IP54, IK08	For use as part of the 2N® Helios IP Verso™ Modular Door Entry system. Used in conjunction with the Verso™ 9155101 or 9155101C Main Basic Units, this module features an integrated Audio Frequency Induction Loops (AFILS) facility to aid communication with users who have a hearing impairment and wear a hearing aid.	172,26 €
	9155038	2N® Helios IP Verso™ Tamper	Helios IP Verso™ internal Bus	40 x 50 x 5 mm	Tamper Switch	IP54	2N® Helios IP Verso™ tamper switch.	32,67 €
	9155039	2N® Helios IP Verso™ Blank Module	N/A	105 x 97 x 27 mm	Blank Module	IP54, IK08	Blank Module for use as part of the 2N® Helios IP Verso™ Modular Door Entry system. Use this Module to fill any vacant Module spaces in Verso Surface-mount / Flush-mount Frames. This Blank Filler Module is a component part of the 2N Verso Modular Door Entry range.	14,16 €




4.1 | IP/SIP SYSTEMS

Network-based communication and security systems

2N® Helios IP Verso™ Modules

	P/N	Model	Interface	Size	Function	Protection	Description	List Price
	9155050	2N® 1 Metre Cable	Helios IP Verso™ internal Bus	1 metre	Connection for Internal Modules	N/A	Extension cable for connecting 2N® Helios IP Verso™ Modules to Main Verso™ Base Units, where the standard supplied short lead won't reach. Ideal for installation situations such as 'Press to Exit' buttons on the inside of the door being connected to the Verso Door Intercom on the outside, or for connecting adjacent Verso devices.	10,89 €
	9155051	Blind button 2N® Helios IP Verso™	N/A	35 x 8 x 2 mm	For Buttons Module 9155035	IP54, IK08	Blind button 2N® Helios IP Verso™.	10,89 €
	9155054	2N® 3 Metres Cable	Helios IP Verso™ internal Bus	3 metres	Connection for Internal Modules	N/A	Extension cable for connecting 2N® Helios IP Verso™ Modules to Main Verso™ Base Units, where the standard supplied short lead won't reach. Ideal for installation situations such as 'Press to Exit' buttons on the inside of the door being connected to the Verso Door Intercom on the outside, or for connecting adjacent Verso devices.	16,34 €
	9155055	2N® 5 Metres Cable	Helios IP Verso™ internal Bus	5 metres	Connection for Internal Modules	N/A	Extension cable for connecting 2N® Helios IP Verso™ Modules to Main Verso™ Base Units, where the standard supplied short lead won't reach. Ideal for installation situations such as 'Press to Exit' buttons on the inside of the door being connected to the Verso Door Intercom on the outside, or for connecting adjacent Verso devices.	21,78 €

Mounting Elements for 2N® Helios IP Verso™ Intercoms

	P/N	Model	Size	Modules	Finish	Mounting	Description	List Price
	9155021	2N® Helios IP Verso™ 1 Module Surface Mount Front Frame	107x130x28 mm	1	Brushed Steel	SURFACE	The 9155021 is a Single-Module Surface-mount Frame for use in completing a 2N® Helios IP Verso™ Modular Door Intercom system. Size: 107x130x28 mm.	34,16 €
	9155022	2N® Helios IP Verso™ 2 Modules Surface Mount Front Frame	107x234x28 mm	2	Brushed Steel	SURFACE	The 9155022 is a 2 Module Surface-mount Frame for use in completing a 2N® Helios IP Verso™ Modular Door Intercom system. The 2N 9155022 2-Module Frame can be used with either a Verso™ Basic Main Unit or with 2x Additional Function Modules.	40,99 €
	9155023	2N® Helios IP Verso™ 3 Modules Surface Mount Front Frame	107x361x28 mm	3	Brushed Steel	SURFACE	The 9155023 is a 3 Module Surface-mount Frame for use in completing a 2N® Helios IP Verso™ Modular Door Intercom system. The 2N 9155023 3-Module Frame can be used with either a Verso™ Basic Main Unit + 1 additional Module or with 3 x Additional Function Modules.	47,82 €

4.1 | IP/SIP SYSTEMS

Network-based communication and security systems

Mounting Elements for 2N® Helios IP Verso™ Intercoms

	P/N	Model	Size	Modules	Finish	Mounting	Description	List Price
	9155011	2N® Helios IP Verso™ 1 Module Flush Mount Front Frame	108 x 138 x 45 mm	1	Brushed Steel	FLUSH	Flush-mount Back Box for 2N® Helios IP Verso™ Door Intercom. Accepts 1 x Verso™ Additional Module. Finished in rugged plastic. Use with 9155011 Flush-mount Front Cover Frame.	50,09 €
	9155014	2N® Helios IP Verso™ 1 Module Flush Mount Box	108 x 136 x 45 mm	1	Plastic	FLUSH	Flush-mount Back Box for 2N® Helios IP Verso™ Door Intercom. Accepts 1 x Verso™ Additional Module. Finished in rugged plastic. Use with 9155011 Flush-mount Front Cover Frame. Size: 108 x 136 x 45 mm.	17,08 €
	9155012	2N® Helios IP Verso™ 2 Modules Flush Mount Front Frame	108 x 238 x 45 mm	2	Brushed Steel	FLUSH	Flush Mount Front Frame for 2N® Helios IP Verso™ Door Intercom. Accepts 1 x Main Basic Unit (9155101 or 9155101C) or 2 x Verso™ additional Modules. Finished in Brushed Steel. Stylish, robust Modular Door Intercom system component. Size: 238 x 108 x 45 mm.	56,93 €
	9155015	2N® Helios IP Verso™ 2 Modules Flush Mount Box	108 x 240 x 45 mm	2	Plastic	FLUSH	The 2N® 2 Module Back Box can be used when installing either 1x Verso™ Basic Main Unit or with 2x Additional Function Modules. A Flush-mount Front Cover Frame will also be required to complete this unit.	21,63 €
	9155013	2N® Helios IP Verso™ 3 Modules Flush Mount Front Frame	108 x 348 x 45 mm	3	Brushed Steel	FLUSH	Flush-mount Back Box for 2N® Helios IP Verso™ Door Intercom. Accepts 1 x Main Basic Unit (9155101 or 9155101C) or 2 x Verso™ additional Modules. Finished in rugged plastic. Use with 9155013 Flush-mount Front Cover Frame.	62,62 €
	9155016	2N® Helios IP Verso™ 3 Modules Flush Mount Box	108 x 346 x 45 mm	3	Plastic	FLUSH	The 2N® 3 Module Back Box can be used when installing either 1x Verso™ Basic Main Unit plus 1x Additional Module or with 3x Additional Function Modules. A Flush-mount Front Cover Frame will also be required to complete this unit.	25,05 €
	9155061	2N® Helios IP Verso™ 1 Module Surface Box	107 x 130 mm	1	Steel	SURFACE (Back Side)	Surface mount for the 2N® Helios IP Verso™ range. Suitable for mounting on uneven walls or surfaces and on glass.	37,32 €
	9155062	2N® Helios IP Verso™ 2 Modules Surface Box	107 x 234 mm	2	Steel	SURFACE (Back Side)	Surface mount for the 2N® Helios IP Verso™ range. Suitable for mounting on uneven walls or surfaces and on glass.	43,76 €



4.1 | IP/SIP SYSTEMS

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Mounting Elements for 2N® Helios IP Verso™ Intercoms

	P/N	Model	Size	Modules	Finish	Mounting	Description	List Price
	9155063	2N® Helios IP Verso™ 3 Modules Surface Box	107 x 340 mm	3	Steel	SURFACE (Back Side)	Surface mount for the 2N® Helios IP Verso™ range. Suitable for mounting on uneven walls or surfaces and on glass.	50,19 €
	9155064	2N® Helios IP Verso™ 2 x 2 Back Plate	214 x 234 mm	2 x 2	Steel	SURFACE (Back Side)	Back plate - 2 x 2 modules. Suitable for mounting on uneven walls or surfaces and on glass.	63,06 €
	9155065	2N® Helios IP Verso™ 3 x 2 Back Plate	321 x 234 mm	3 x 2	Steel	SURFACE (Back Side)	Back plate - 3 x 2 modules. Suitable for mounting on uneven walls or surfaces and on glass.	82,37 €
	9155066	2N® Helios IP Verso™ 2 x 3 Back Plate	214 x 340 mm	2 x 3	Steel	SURFACE (Back Side)	Back plate - 2 x 3 modules. Suitable for mounting on uneven walls or surfaces and on glass.	75,93 €
	9155067	2N® Helios IP Verso™ 3 x 3 Back Plate	321 x 340 mm	3 x 3	Steel	SURFACE (Back Side)	Back plate - 3 x 3 modules. Suitable for mounting on uneven walls or surfaces and on glass.	88,80 €









2N® Helios IP Vario™ Intercoms

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	9137111U	1 Button 2N® Helios IP Vario™ Audio Station	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Fullduplex Audio	NO	SIP 1 button intercom with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included), or different additional pannels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	447,96 €
	9137131U	3 Buttons 2N® Helios IP Vario™ Audio Station	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Fullduplex Audio	NO	SIP 3 buttons intercom with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included), or different additional pannels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	458,95 €

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2N® Helios IP Vario™ Intercoms

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	9137161 U	3x2 Buttons 2N® Helios IP Vario™ Audio Station	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	NO	SIP 6 buttons intercom with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	472,95 €
	9137111 KU	1 Button 2N® Helios IP Vario™ Audio Station + KBD.	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	NO	SIP 1 button intercom + numeric keyboard with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	484,95 €
	9137131 KU	3 Buttons 2N® Helios IP Vario™ Audio Station + KBD.	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	NO	SIP 3 buttons intercom + numeric keyboard with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	496,95 €
	9137161 KU	3x2 Buttons 2N® Helios IP Vario™ Audio Station + KBD.	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	NO	SIP 6 buttons intercom + numeric keyboard with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	509,95 €
	9137111 CU	1 Button 2N® Helios IP Vario™ Video-Audio Station	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	640 x 480 Camera, 55° (H), 39° (V) View Angle	SIP 1 button intercom with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included) and camera 640 (H) x 480 (V), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	769,92 €
	9137131 CU	3 Buttons 2N® Helios IP Vario™ Video-Audio Station	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	640 x 480 Camera, 55° (H), 39° (V) View Angle	SIP 3 buttons intercom with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included) and camera 640 (H) x 480 (V), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	782,92 €
	9137161 CU	3x2 Buttons 2N® Helios IP Vario™ Video-Audio Station	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	640 x 480 Camera, 55° (H), 39° (V) View Angle	SIP 6 buttons intercom with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included) and camera 640 (H) x 480 (V), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	797,92 €
	9137111 CKU	1 Button 2N® Helios IP Vario™ Video-Audio Station with KBD.	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	640 x 480 Camera, 55° (H), 39° (V) View Angle	SIP 1 button intercom + numeric keyboard with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included) and camera 640 (H) x 480 (V), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	811,92 €



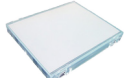
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Network-based communication and security systems

2N® Helios IP Vario™ Intercoms

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	9137131 CKU	3 Buttons 2N® Helios IP Vario™ Video-Audio Station with KBD.	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	640 x 480 Camera, 55° (H), 39° (V) View Angle	SIP 3 buttons intercom + numeric keyboard with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included) and camera 640 (H) x 480 (V), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	823,92 €
	9137161 CKU	3x2 Buttons 2N® Helios IP Vario™ Video-Audio Station with KBD.	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	640 x 480 Camera, 55° (H), 39° (V) View Angle	SIP 6 buttons intercom + numeric keyboard with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included) and camera 640 (H) x 480 (V), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	836,92 €
	9137160 KDU	3x2 Buttons 2N® Helios IP Vario™ Audio Station with Display + KBD.	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	640 x 480 Camera, 55° (H), 39° (V) View Angle	SIP 6 buttons intercom + numeric keyboard + LCD display with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	905,85 €
	9137160 CKDU	3x2 Buttons 2N® Helios IP Vario™ Video- Audio Station with Display + KBD.	10/100 BASE-T Terminal Block	234.6 x 124.6 x 29.6 mm	AEC Full duplex Audio	640 x 480 Camera, 55° (H), 39° (V) View Angle	SIP 6 buttons intercom + numeric keyboard + LCD display with 2 voice channels Full Duplex (AEC). RFID card reader ready (not included) and camera 640 (H) x 480 (V), or different additional panels or expansion sets (not included). Ethernet 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 10V – 14V DC/700mA. PoE or Adaptor 100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC. Operating temperatures: from –4 to 131 °F. Cover level: IP 53.	1.133,55 €









2N® Helios IP Vario™ Intercom Accessories

	P/N	Model	Size	Colour	Finish	Mounting	Description	List Price
	9135301E	2N® Helios IP Vario™ Replacement Name Plate	1 slot	Transparent	Plastic	FLUSH	The 2N® Helios IP Vario™ name plate is an additional single button replacement name badge.	1,63 €
	9135302E	2N® Helios IP Vario™ Replacement Double Name Plate	1 slot	Transparent	Plastic	FLUSH	The 2N® Helios IP Vario™ Double replacement name plate (9135302E) - is an additional double button replacement name badge.	1,63 €
	9135311E	2N® Helios IP Vario™ Infopanel	Half Panel	Transparent	Plastic	FLUSH	Info Panel Sets helps you use a half of the extending module for insertion of a telephone directory, working hours through replacing cover for four name tags. The insertion will not change the numbering system and button on the panel sides will remain functional.	2,08 €

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2N® Helios IP Force™ Intercoms

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	9151101 CRPW	1 Button 2N® Helios IP Force™ Audio Station with Pics.	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	640 x 480 Camera, 135° (H), 109° (V) View Angle	1 button SIP Intercom with pictograms. Camera. Ready for embedded card reader (not included). Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	1.003,85 €
	9151101 CHRPW	1 Button 2N® Helios IP Force™ Video-Audio Station with Pics.	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	640 x 480 Camera, 135° (H), 109° (V) View Angle	1 button SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz, with pictograms. Ready for embedded card reader (not included). HD Camera. Night vision. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	1.054,09 €
	9151101 RPW	1 Button 2N® Helios IP Force™ VideoHD-Audio Station with Pics.	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	NO	1 button SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz and pictograms. Ready for embedded card reader (not included). Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	828,00 €
	9151101 W	1 Button 2N® Helios IP Force™ Audio Station	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	NO	1 button SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	738,56 €
	9151101 CW	1 Button 2N® Helios IP Force™ Video-Audio Station	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	640 x 480 Camera, 135° (H), 109° (V) View Angle	1 button SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz. Camera. Night vision. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	969,68 €
	9151101 CHW	1 Button 2N® Helios IP Force™ VideoHD-Audio Station	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	1280 x 960 Camera, 135° (H), 109° (V) View Angle	1 button SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz. HD Camera. Video Codecs: H.264, 64 – 2048 kbit/s, H.263, H.263+. Night vision. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	1.019,92 €
	9151104 W	4 Buttons 2N® Helios IP Force™ Audio Station	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	NO	4 buttons SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	795,96 €
	9151104 CW	4 Buttons 2N® Helios IP Force™ Video-Audio Station	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	640 x 480 Camera, 135° (H), 109° (V) View Angle	4 buttons SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz. HD Camera. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	959,31 €

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Interfonos 2N® Helios IP Force™

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	9151104 CHW	4 Buttons 2N® Helios IP Force™ VideoHD- Audio Station	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	1280 x 960 Camera, 135° (H), 109° (V) View Angle	4 buttons SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz. HD Camera. Night vision. Connector RJ-45, Ethernet speed 10/100 BASE-T. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	1.008,81 €
	9151101 KW	1 Button 2N® Helios IP Force™ Audio Station with KBD.	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	NO	1 button SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz with Numeric Keyboard. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	797,85 €
	9151101 CKW	1 Button 2N® Helios IP Force™ Video- Audio Station with KBD.	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	640 x 480 Camera, 135° (H), 109° (V) View Angle	1 button SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz with Numeric Keyboard. Camera. Night vision. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	971,69 €
	9151101 CHKW	1 Button 2N® Helios IP Force™ VideoHD- Audio Station with KBD.	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	1280 x 960 Camera, 135° (H), 109° (V) View Angle	1 button SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz with Numeric Keyboard. Camera 1280px (H) x 960px (V), View angle 135° (H), 109° (V). Night vision. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	1.021,93 €
	9151102 CRW	2 Buttons 2N® Helios IP Force™ Video-Audio Station	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	NO	2 buttons SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz. Ready for embedded card reader (not included). Camera 640 (H) x 480 (V), View angle 135° (H), 109° (V). Night vision. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	959,31 €
	9151102 CHRW	2 Buttons 2N® Helios IP Force™ VideoHD- Audio Station	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	1280 x 960 Camera, 135° (H), 109° (V) View Angle	2 buttons SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz. Ready for embedded card reader (not included). Camera 1280px (H) x 960px (V), View angle 135° (H) x 109° (V). Night vision. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	1.008,81 €
	9151102 RW	2 Buttons 2N® Helios IP Force™ Audio Station	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 220 x 112 x 70 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	NO	2 buttons SIP Intercom with 2 voice channels - Codecs: G.711, G.729, G.722, L16/16kHz. Ready for embedded card reader (not included). Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, selected models IP69K.	798,93 €




4.1 | IP/SIP SYSTEMS

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2N® Helios IP Safety™ Intercoms

	P/N	Model	Interface	Size	Audio	Vídeo	Description	List Price
	9152101W	2N® Helios IP Safety™ 9152101W Intercom	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 230 x 125 x 85 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	NO	1 button SIP Intercom with 2 voice channels (Audio Codecs: G.711, G.729, G.722). Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, IP69K.	728,54 €
	9152102W	2N® Helios IP Safety™ 9152102W Intercom	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 230 x 125 x 85 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	NO	2 buttons SIP Intercom with 2 voice channels (Audio Codecs: G.711, G.729, G.722). Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Power supply with 802.3af (PoE) 48 V / 380 mA DC or Adaptor (100-230 V10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC). Operating temperatures: from –40 to 131 °F. Cover level: IP65, IP69K.	750,32 €
	9152101MW	2N® Helios IP Safety™ 9152101MW Intercom	RJ45 10/100 BASE-T (PoE)	243.5 x 135.3 x 12 mm (front). 230 x 125 x 85 mm (back)	2 Microphones + 10W D-Class Amplifier, Full Duplex (AEC)	NO	1 button SIP Intercom with 2 voice channels (Audio Codecs: G.711, G.729, G.722). Includes 1 additional emergency red button. Relay outputs: Maximal voltage 30 V DC, Maximal current 1 A DC. Active output: 9V – 13V DC/700mA. Operating temperatures: from –40 to 131 °F. Cover level: IP65, IP69K.	750,32 €



2N® Helios IP UNI™ Intercoms

	P/N	Model	Interface	Size	Audio	Vídeo	Description	List Price
	9153101	1 Button 2N® Helios IP UNI™ Intercom	RJ45 10/100 BASE-T (PoE)	205 x 125 x 9.25 mm (front side)	SIP, 2 voice channels (10W). G.711 PCM, 64 kbps	NO	1 button SIP intercom. Audio codecs G.711 PCM and 64 kbps. Audio: Acoustic pressure for 1kHz at a distance of 1m: 61,5 dB. Active output: 8V – 12V DC/500mA. Passive relay output: Maximum voltage 30 V DC, Maximum current 1 A DC. Power supply: 802.3af (PoE):48 V / 380 mA DC or Adapter (100-230 V ± 10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC). Operating temperature: –40 to 131 °F. Cover level: IP 54.	295,87 €
	9153102	2 Buttons 2N® Helios IP UNI™ Intercom	RJ45 10/100 BASE-T (PoE)	205 x 125 x 9.25 mm (front side)	SIP, 2 voice channels (10W). G.711 PCM, 64 kbps	NO	2 buttons SIP intercom. Audio codecs G.711 PCM and 64 kbps. Audio: Acoustic pressure for 1kHz at a distance of 1m: 61,5 dB. Active output: 8V – 12V DC/500mA. Passive relay output: Maximum voltage 30 V DC, Maximum current 1 A DC. Power supply: 802.3af (PoE):48 V / 380 mA DC or Adapter (100-230 V ± 10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC). Operating temperature: –40 to 131 °F. Cover level: IP 54.	305,97 €
	9153101P	1 Button 2N® Helios IP UNI™ Intercom + Pictograms	RJ45 10/100 BASE-T (PoE)	205 x 125 x 9.25 mm (front side)	SIP, 2 voice channels (10W). G.711 PCM, 64 kbps	NO	1 button SIP intercom with pictograms. Audio codecs G.711 PCM and 64 kbps. Audio: Acoustic pressure for 1kHz at a distance of 1m: 61,5 dB. Active output: 8V – 12V DC/500mA. Passive relay output: Maximum voltage 30 V DC, Maximum current 1 A DC. Power supply: 802.3af (PoE):48 V / 380 mA DC or Adapter (100-230 V ± 10%, 50/60 Hz / 12V DC, DC power supply 12 V / 2A DC). Operating temperature: –40 to 131 °F. Cover level: IP 54.	336,26 €




4.2 | IP MASTER STATIONS FOR IP/SIP SYSTEMS

They manage all the intercomms deployed

AIPHONE™ IX Series IP Master Stations

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	I725CM	AIPHONE™ IX-MV IP Master Station	RJ45 10Base-T / 100Base-TX, PoE	189 x 250 x 59 mm	Handset, Hands-free, Microphone and Speaker	3.5" Colour LCD	IP addressable video master station monitor. It can be wall or desk mounted (desk stand included). The IX-MV offers handset (duplex) and hands-free (VOX/PTT) communication and call up to 500 other IX units. It connects directly to a network using CAT-5e/6 cable. This station requires a 802.3af compliant power-over-ethernet network.	854,75 €
	I725BM	AIPHONE™ IX-MVLA Addressable IP Master Station	RJ45 10Base-T / 100Base-TX, PoE	189 x 250 x 59 mm	Handset, Hands-free, Microphone and Speaker	3.5" Colour LCD	IP addressable video master station monitor with mag loop. It can be wall or desk mounted (desk stand included). The IX-MVLA offers handset (duplex) and hands-free (VOX/PTT) communication and call up to 500 other IX units. It connects directly to a network using CAT-5e/6 cable. This station requires a 802.3af compliant power-over-ethernet network.	905,53 €



AIPHONE™ IS Series IP Master Stations

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	I373E4	AIPHONE™ IS-MV IP Master Station	CAT-5e/6 Wired to Main Server	189 x 250 x 59 mm	Handset, Hands-free, Microphone and Speaker	3.5" Colour LCD	Video master station monitor. It can be wall or desk mounted (desk stand included). The IS-MV offers handset (duplex) and hands-free (VOX/PTT) communication and can page up to 5 zones simultaneously. It connects to the IS-CCU or IS-SCU using CAT-5e/6 cable and is powered by the system.	656,61 €
	I373EP	AIPHONE™ IS-RS IP Desktop Station	CAT-5e/6 Wired to Main Server	199 x 116,5 x 64 mm	Handset, Microphone and 8Ω Speaker	NO	The IS-RS is a handset style, wall mount, audio only sub station. It connects to the IS-CCU, IS-SCU, or IS-RCU units using CAT-5e/6 cable. It can be used hands-free with the internal speaker or can be tied to an external 8 ohm speaker. The IS-RS is powered by the system.	165,33 €
	I373E8	AIPHONE™ IS-IPMV Addressable IP Desktop Station	CAT-5e/6 Wired to Main Server	189 x 250 x 59 mm	Handset, Hands-free, Microphone and Speaker	3.5" Colour LCD	IP addressable video master station monitor. It can be wall or desk mounted (desk stand included). The IS-IPMV offers handset (duplex) and hands-free (VOX/PTT) communication and can page up to 5 zones simultaneously. It connects directly to a network using CAT-5e/6 cable and can communicate with any IS-IPDV / IS-IPDVF / IS-SOFT or any station connected ton an IS-IPC on a network. This station utilizes 802.3af compliant power-over-ethernet, or an external 24V DC power supply, PS-2420UL.	1.206,97 €






4.2 | IP MASTER STATIONS FOR IP/SIP SYSTEMS

They manage all the intercomms deployed

DAHUA™ IP Intercom Displays and Related Elements

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	VTH1550CH	DAHUA™ 7-inch Color Indoor Monitor	RJ45 10Base-T / 100Base-TX, PoE	200 x 126 x 22 mm	Handset, Hands-free, Microphone and Speaker	7" Colour LCD (800 x 480)	Displayer: TFT LCD, Capacitive touch screen. Support 6 channels wire alarm input. Call among households. 1 channel 10/100Mbps self-adaptive Ethernet. Support outdoor station and IPC monitor. Support leave audio and video message. Support Dahua POE power supply. Support SD card pluggable. Surface mounted.	467,21 €
	VTNS1060A	POE Switch for IP DAHUA™ System	6 x RJ45 10Base-T / 100Base-TX, PoE	179 x 107 x 30 mm	N/A	N/A	Decent appearance. DAHUA™ protocol POE switch. Connect max 6 indoor monitors with the Cat 5e cable, transfer the signal and power together.	38,21 €



2N® Indoor Answering Units

	P/N	Model	Interface	Size	Audio	Video	Description	List Price
	91378365	2N® Black Indoor Touch Unit	RJ45 10Base-T / 100Base-TX, PoE	235 x 165 x 40 mm	Microphone, Integrated Speaker (G.711, G.722)	7" LED 16:9. 1.024 x 600 Px, 24 bpp	SIP 2.0 smart touch panel. LED display (16,7M colours). Embedded micro and bidirectional audio. 2 x realy. 2 x Digital I/O. OOSS: Android 4.4.4. BLACK.	525,15 €
	91378365 WH	2N® White Indoor Touch Unit	RJ45 10Base-T / 100Base-TX, PoE	235 x 165 x 40 mm	Microphone, Integrated Speaker (G.711, G.722)	7" LED 16:9. 1.024 x 600 Px, 24 bpp	SIP 2.0 smart touch panel. LED display (16,7M colours). Embedded micro and bidirectional audio. 2 x realy. 2 x Digital I/O. OOSS: Android 4.4.4. WHITE.	525,15 €
	91378366	2N® Black Indoor Touch WiFi Unit	RJ45 10Base-T / 100Base-TX, PoE, 802.11b/g/n	235 x 165 x 40 mm	Microphone, Integrated Speaker (G.711, G.722)	7" LED 16:9. 1.024 x 600 Px, 24 bpp	SIP 2.0 smart touch panel. LED display (16,7M colours). Embedded micro and bidirectional audio. 2 x realy. 2 x Digital I/O. OOSS: Android 4.4.4. BLACK. WiFi: 802.11b/g/n.	CONSULT
	91378366 WH	2N® White Indoor Touch WiFi Unit	RJ45 10Base-T / 100Base-TX, PoE, 802.11b/g/n	235 x 165 x 40 mm	Microphone, Integrated Speaker (G.711, G.722)	7" LED 16:9. 1.024 x 600 Px, 24 bpp	SIP 2.0 smart touch panel. LED display (16,7M colours). Embedded micro and bidirectional audio. 2 x realy. 2 x Digital I/O. OOSS: Android 4.4.4. WHITE. WiFi: 802.11b/g/n.	CONSULT
	GXV3275	GRANDS-TREAM™ GXV3275 Android IP Video Phone	2 x RJ45 10/100/1000Base-TX, PoE, 802.11b/g/n	25.12 x 21.1 x 0.84 cms	Handset + Bluetooth	7" LCD 16:9. 1.024 x 600 Px	Combines a comprehensive 6-line IP video phone, a multi-platform video conferencing solution and the user experience of an Android tablet to offer an all-in-one voice, video, data, and mobility solution. With a 7" capacitive touchscreen that runs on Android™ OS version 4.2. The phone features dual Gigabit ports, HD audio and HD video, a built-in web browser, integrated Wi-Fi (802.11b/g/n) for network flexibility, PoE, and a tiltable CMOS camera.	50,49 €

4.2 | IP MASTER STATIONS FOR IP/SIP SYSTEMS

They manage all the intercomms deployed






2N® Indoor Answering Units

	P/N	Model	Interface	Size	Audio	Vídeo	Description	List Price
	GXM3240	GRANDS-TREAM™ GXM3240 Android Video IP Phone	2 x RJ45 10/100/1000Base-TX, PoE, 802.11b/g/n	25.9 x 29.97 x 10.16 cms	Handset + Bluetooth	4.3" LCD, 480 x 272 Px	Combines a 6-line IP video phone with a multi-platform video conferencing solution and an Android smartphone to offer an all-in-one communications solution. Runs the Android Operating System and therefore offers full access to the many Android apps in the Google Play Store™. The phone features integrated Bluetooth, Gigabit ports, a built-in web browser, integrated WiFi, a 4.3 inch touch screen, HD audio and PoE.	188,10 €
	1014160	2N® StarPoint IP VP530 PoE video Phone	RJ45 10Base-T / 100Base-TX, PoE	110 x 104 x 26 mm	Handset	7" LCD 16:9. 2MPx Camera	It is distinguished by camera allowing live video calls. It contains a high-quality photo frame and multimedia terminal supporting audio/video playback via a built-in player. It combines professional design, advanced properties with excellent sound and voice quality and a comfortable user interface. It is ideal for all communication environments, company offices and home users.	306,90 €



4.3 | CENTRAL SERVERS AND SW FOR IP/SIP SYSTEMS

Elements for IP intercom centralization and networks managing

AIPHONE™ IS Series Servers and Software for IP Intercoms

	P/N	Model	Interface	Size	Audio	Vídeo	Description	List Price
	I373C8	AIPHONE™ IS-CCU Central IP Server	12 x CAT-5e/6 Wired to Stations	85 x 480 x 280 mm (2U)	4 x P. A. Output + 2 x Chime Input	2 x Video BNC Output	It allows a connection of four door / sub stations and four master stations. It features inputs for up to two IS-SCU, four IS-RCU, and one IS-IPC to expand the system using CAT-5e/6 cable. Also has 8 contact outputs, 4 contact inputs. A PC is required to set up the system and is set up via browser. The unit can be rack mounted to an EIA standard rack (2U required) or wall mount using brackets. It is powered using an external 48V DC power supply, IS-PU-UL.	2.093,49 €
	I373C30	AIPHONE™ IS-RCU Central IP Server Upgrade	30 x CAT-5e/6 Wired to Stations	85 x 480 x 280 mm (2U)	4 x P. A. Output	NO	It homeruns to the IS-CCU to add thirty room stations to the system. Up to four IS-RCU's may be connected to the IS-CCU using two CAT-5e/6 cables. The unit can be rack mounted. It is powered using an external 48V DC power supply, IS-PU-UL.	1.509,12 €
	I373CA	AIPHONE™ IS-SCU Central IP Server Upgrade	16 x CAT-5e/6 Wired to Stations	85 x 480 x 280 mm (2U)	4 x P. A. Output	2 x Video BNC Output	It homeruns to the IS-CCU to add eight door / sub stations and eight master stations to the system. Up to two IS-SCU's may be connected to the IS-CCU using three CAT-5e/6 cables. The unit can be rack mounted. It is powered using an external 48V DC power supply, IS-PU-UL.	1.616,51 €
	I373W	AIPHONE™ IS-SOFT IP Intercom Software	Instalar en Equipo con Ethernet 10/100 Base-T	N/A	Announcements and Communication between Stations	Allows Video Recording to PC	The IS-SOFT is proprietary Aiphone software that can be installed on a PC running Windows XP, Windows Vista, or Windows 7 (one seat license per PC). The PC with the installed IS-SOFT software may connect directly to a network allowing for communication with any IS-IPDV, IS-IPDVF, IS-IPMV, or any station connected to an IS-IPC on a network.	1.062,68 €
	I373IP	AIPHONE™ IS-IPC IP Interface	2 x CAT-5e/6 Wired to Stations	85 x 480 x 280 mm (2U)	Output CO line to phone	NO	It connects the IS-CCU and all of its wired components to a network. One IS-IPC is required for every IS-CCU and is wired using three CAT-5e/6 cables. Up to eight IS-IPC's may be using in a fully networked system. The unit can be rack mounted in an EIA standard rack. It is powered using an external 48V DC power supply, IS-PU-UL. IS-IPC is required for a PBX connection.	3.530,38 €

2N® Developing Licenses for IP Intercommunication

	P/N	Model	SSOO	Format	Functions	Series	Description	List Price
	91378390	2N® Indoor Touch License	Android	Downloadable	Unlocks System	2N® Indoor Touch	License to install third parties Apps into 2N® Indoor Touch.	50,49 €
	9137905	2N® Helios IP Audio License	FW 2N®	CD / Downloadable	Noise Detection, Audio Test, User Sound	IP Verso™, IP Vario™, IP Force™, IP Safety™	2N® Helios IP Audio Kit is an OEM intercom intended for incorporation into a variety of devices. It is designed to add value to both audio communication and remote surveillance and control. With it, users get both live support and the ability to ask for advice at the touch of a button. A VoIP solution you don't have to develop. Simple DIN rail mounting. A wide range of connectors.	53,01 €

4.3

CENTRAL SERVERS AND SW FOR IP/SIP SYSTEMS

Elements for IP intercom centralization and networks managing




Componentes Adicionales para Sistemas DAHUA™

	P/N	Model	SSOO	Format	Functions	Series	Description	List Price
	9137906	2N® Helios IP Video License	FW 2N®	CD / Downloadable	Audio/Video Streaming, ONVIF, Mov. Detection, PTZ, etc..	IP Verso™, IP Vario™, IP Force™, IP Safety™	The 2N® Helios IP Video Kit is a compact module unit intended to enhance any OEM with reliable video monitoring. In addition to video surveillance it will enhance functionality to include audio communications, remote monitoring and control. A VoIP solution you don't have to develop. Two analogue cameras can be connected. A wide range of connectors.	84,20 €


4.4 | POWER SUPPLIES FOR IP/SIP SYSTEMS

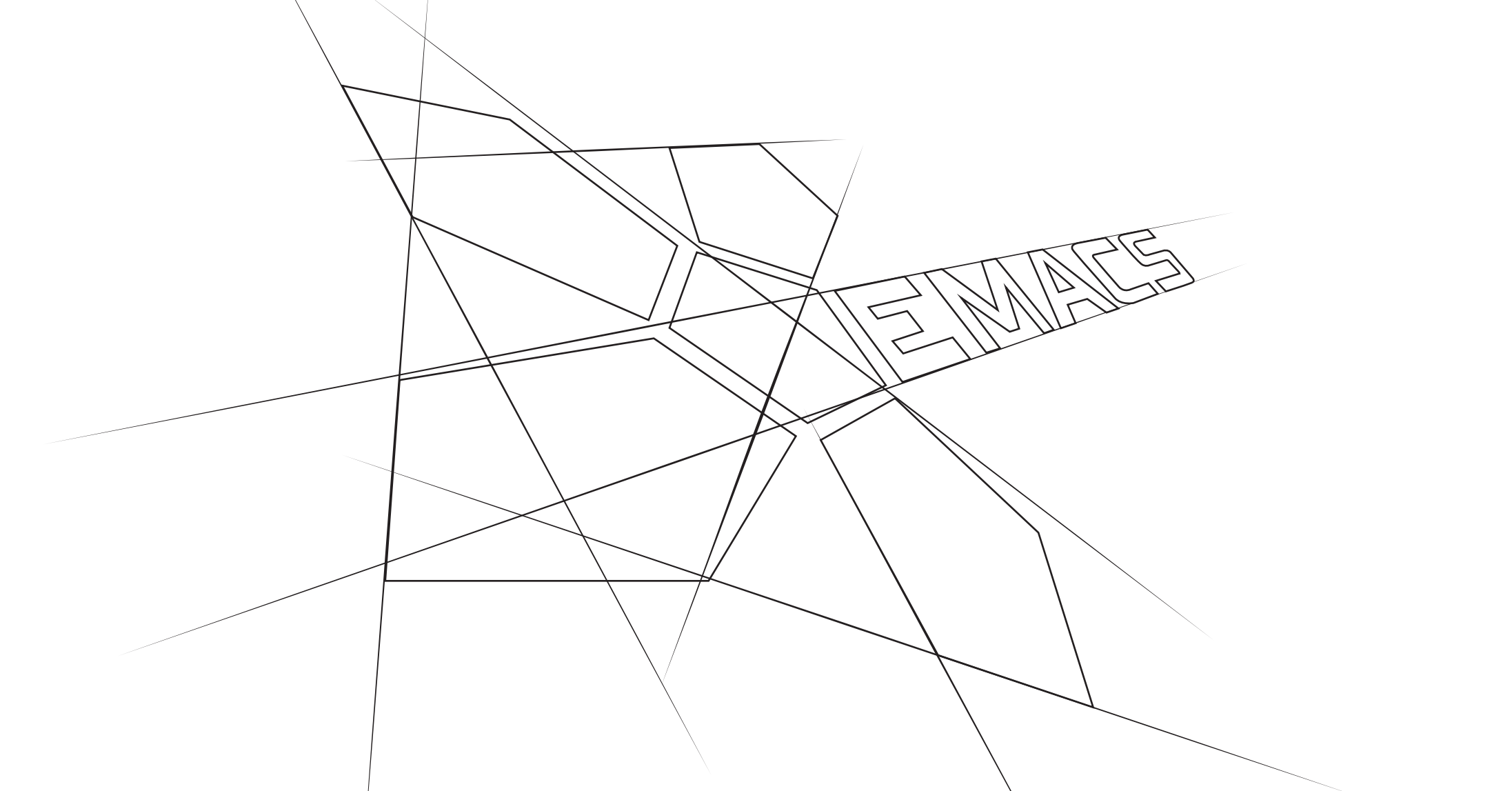
Power supply units used for several systems

Additional Components for AIPHONE™ IP Intercoms

	P/N	Model	Voltage	Current	Finish	Mounting	Description	List Price
	I373PS	AIPHONE™ IS-PU-S Power Supply	48 VDC	2.0 Amp	Metal	SURFACE	AIPHONE™ power supply for IS-CCU, IS-RCU, IS-SCU and IS-IPC. Output 48VDC, 2 Amp.	509,26 €
	I924UP	AIPHONE™ I-924UP Power Supply	24 VDC	2.0 Amp	Black ABS Plastic	SURFACE	AIPHONE™ power supply for surface mounting. Input 110/240 VAC. 2 mt output wire included with faston terminals. 1.75 mt unpluggable cable included. ABS plastic enclosure.	91,77 €
	I924D	AIPHONE™ DIN Rail Power Supply	24 VDC	1.0 Amp	Plastic	DIN Rail	AIPHONE™ power supply for DIN Rail mounting.	113,24 €

Additional Components for DAHUA™ IP Intercoms

	P/N	Model	Voltage	Current	Finish	Mounting	Description	List Price
	DC24V-2-5A	DAHUA™ Power Supply	24 VDC	2.5 Amp	Plastic	SURFACE	DAHUA™ power supply for VTNS1060A or VTNC3000A.	21,49 €



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