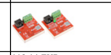
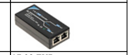
	ACCESS CONTROLLER WITH TEMPERATURE MEASUREMENT APTI-AI70FRTD-V2 4.5 mm - 1080p	ACCESS CONTROLLER WITH TEMPERATURE MEASUREMENT APTI-AI71FRTD 4.5 mm - 1080p	ACCESS CONTROLLER WITH TEMPERATURE MEASUREMENT APTI-AI80FQRTD 4.5 mm - 1080p	EXTENDER ETHERNET+PoE ETH-ETH500-SET ATTE	POE SWITCH / EXTENDER PFT1310 3-PORT	TIME & ATTENDANCE RECORDER ASA3213G-MW DAHUA	TIME & ATTENDANCE RECORDER ASA3213GL-MW DAHUA	ACCESS CONTROLLER ASI3213G-MW DAHUA	ACCESS CONTROLLER WITH TEMPERATURE MEASUREMENT ASI7213X-T1 - 1080p DAHUA
	71.73 EUR 71.73 EUR	57.39 EUR 57.39 EUR	57.39 EUR 57.39 EUR	59.54 EUR 59.54 EUR	19.09 EUR 19.09 EUR	478.23 EUR 478.23 EUR	366.56 EUR 366.56 EUR	493.29 EUR 493.29 EUR	3500.63 EUR 3500.63 EUR
Compatibility	...	...	...	...	...	...	...	...	...
Application	...	...	...	...	...	...	...	...	...
Adjusting the reference temperature	...	...	...	...	...	...	...	...	...
Input	...	...	...	...	...	...	...	...	...
Sensor type	...	...	...	...	...	...	...	...	...
Setting resolution	...	...	...	...	...	...	...	...	...
In package	...	...	...	...	...	...	...	...	...
Number of video channels	...	...	...	...	...	...	...	...	...
Setting accuracy	...	...	...	...	...	...	...	...	...
Output	...	...	...	...	...	...	...	...	...
Recommended installation height	...	...	...	...	...	...	...	...	...
Scanning system	Progressive	Progressive	Progressive	...	...	...	...	...	...
Standards	...	...	...	...	...	...	...	...	...
Setting stability	...	...	...	...	...	...	...	...	...
Detection angle	...	...	...	...	...	...	...	...	...
Transmission ports	...	...	...	...	...	...	...	...	...
Input voltage	...	...	...	...	...	...	...	...	...
Effective Emissivity	...	...	...	...	...	...	...	...	...
UTP transmission range	...	...	...	< 800 m (max)	...	...	...	...	...
Optical zoom	–	–	–	...	...	...	...	...	–
Sensitivity adjustment	...	...	...	...	...	...	...	...	...
Audio inputs	...	...	...	...	...	...	...	...	...
Connectors	...	...	...	...	...	...	...	...	...
Size of the reference surface	...	...	...	...	...	...	...	...	...
Output voltage	...	...	...	...	...	...	...	...	...
Number of inputs	...	...	...	...	...	...	...	...	...
Number of outputs	...	...	...	...	...	...	...	...	...
LAN ports	...	...	...	2 x RJ45 10/100 Base-T + Passive PoE	• 1 x RJ45 10/100 Base-T + power input : PoE (802.3af/at), • 2 x RJ45 10/100 Base-T + PoE (802.3af)	...	...	...	...
Connector	...	...	...	...	...	...	...	...	...
Sensor	1/2.8 " SONY Starvis™ Back-illuminated CMOS 1/5 " GC2145	1/2.8 " SONY Starvis™ Back-illuminated CMOS 1/5 " GC2145	1/2.9 " GC2093 1/2.9 " GC2053	...	...	CMOS	CMOS	CMOS	1/2.8 " CMOS
Management	...	...	...	...	–	...	...	...	...
Matrix size	2.1 Mpx 2 Mpx	2.1 Mpx 2 Mpx	2.1 Mpx 2 Mpx	...	...	2 Mpx	2 Mpx	2 Mpx	2.1 Mpx 120 x 90 px
Pixel pitch	1.75 µm	1.75 µm	...	...	...	...	...	...	...
LED diodes	...	...	...	LAN, PoE, 10Mb	LAN, PoE	...	...	...	...
Lens	4.5 mm 2.4 mm	4.5 mm 2.4 mm	4.5 mm 4.5 mm	...	...	...	...	...	...
Output current	...	...	...	...	...	...	...	...	...
Cards support	...	...	13.56 MHz S50	...	...	...	...	...	...
Reading distance of prox-keys	...	...	...	...	...	...	...	...	...
Input power pairs PoE IN	...	...	...	...	...	...	...	...	...
Keyboard built-in	...	...	–	...	...	...	...	...	...
Supported hard drives	...	...	...	...	...	...	...	...	...
Maximal total power	...	...	...	50 W	...	...	...	...	...
Supported resolutions	...	...	...	...	...	...	...	...	...
Output power pairs PoE OUT1/2	...	...	...	...	...	...	...	...	...
Doorbell button	...	...	–	...	...	...	...	...	...
Number of supported screens	...	...	...	...	...	...	...	...	...
Supported data rates	...	...	...	...	...	...	...	...	...
Ethernet interface	...	...	...	...	...	...	...	...	...
Searching and playback the records	...	...	...	...	...	...	...	...	...
Maximal output power	...	...	...	< 250 m - 100 Mbps - 50 W < 500 m - 100 Mbps - 25 W < 800 m - 10 Mbps - 15 W	• 15.4 W @ port PoE - First device • 3 W @ port PoE - Second device in cascade	...	...	...	...

	Black body DS-2TE127-G4A Hikvision	IP DECODER NVD0905DH-4I-4K - 12 Mpx, 4K	UTP / COAXIAL TRANSMITTER EOC-110KIT 2 PCS SET	ETHERNET + EPOE CONVERTER EOC-73	SET OF UTP / 2-WIRE CONVERTERS FOR LAN+POE TRANSMISSION ETH-2WIRE-SET 2 PCS SET ATTE	SET OF UTP / 2-WIRE CONVERTERS FOR LAN+POE TRANSMISSION ETH10-2WIRE-SET 2 PCS SET ATTE	EXTENDER ETHERNET+PoE EXT-POE3 PULSAR	SET OF UTP / COAXIAL CONVERTERS FOR LAN+POE TRANSMISSION XCOAX4-SET 2 PCS SET ATTE
								
	4394.40 EUR 4394.40 EUR	4130.70 EUR 4130.70 EUR	55.09 EUR 55.09 EUR	12.24 EUR 12.24 EUR	112.14 EUR 112.14 EUR	88.23 EUR 88.23 EUR	29.65 EUR 29.65 EUR	112.14 EUR 112.14 EUR
Compatibility	...	...	...	...	...	...	...	...
Application	...	...	...	...	...	...	...	...
Adjusting the reference temperature	5 °C ... 50 °C	...	...	...	...	...	...	...
Input	...	...	...	...	...	...	...	...
Sensor type	...	...	...	...	...	...	...	...
Setting resolution	0.1 °C	...	...	...	...	...	...	...
In package	...	...	...	**2 pcs The price for package**	...	...	...	...
Number of video channels	...	...	...	...	...	...	...	...
Setting accuracy	± 0.1 °C	...	...	...	...	...	...	...
Output	...	...	...	...	...	...	...	...
Recommended installation height	...	...	...	...	...	...	...	...
Scanning system	...	...	...	...	...	...	...	...
Standards	...	...	...	...	...	...	...	...
Setting stability	± 0.1 °C/h	...	...	...	...	...	...	...
Detection angle	...	...	...	...	...	...	...	...
Transmission ports	...	...	...	1 pcs BNC	...	...	...	...
Input voltage	...	...	...	...	...	...	...	...
Effective Emissivity	0.97 ± 0.02	...	...	...	...	...	...	...
UTP transmission range	...	...	...	...	...	...	...	...
Optical zoom	...	...	...	...	...	...	...	...
Sensitivity adjustment	...	...	...	...	...	...	...	...
Audio inputs	...	...	...	...	...	...	...	...
Connectors	...	...	...	...	• 1 pcs RJ45 • 1 pcs terminals (screw terminals) - 0.32 ... 3.3 mm² (22 ... 12 AWG)	• 1 pcs RJ45 • 1 pcs terminals (screw terminals) - 0.32 ... 3.3 mm² (22 ... 12 AWG)	...	• 1 pcs RJ45 • 1 pcs cable terminal • 1 pcs BNC
Size of the reference surface	Ø 70 mm	...	...	...	...	...	...	...
Output voltage	...	...	...	...	...	...	Compatible with the power supply voltage	...
Number of inputs	...	...	...	...	...	...	1 pcs - RJ-45 socket	...
Number of outputs	...	...	...	...	...	...	3 pcs - RJ-45 socket	...
LAN ports	...	...	1 pcs RJ45 1 pcs BNC socket	1 pcs RJ45	1 pcs RJ45 100 Mbps	1 pcs RJ45 10 Mbps	...	1 pcs RJ45 100 Mbps
Connector	...	...	...	...	...	...	...	...
Sensor	...	...	...	...	...	...	...	...
Management	...	...	...	...	...	...	...	...
Matrix size	...	...	...	...	...	...	...	...
Pixel pitch	...	...	...	...	...	...	...	...
LED diodes	...	...	...	...	...	...	...	...
Lens	...	...	...	...	...	...	...	...
Output current	...	...	...	...	...	...	• 0.6 A - PoE OUT 1/2 ports - Compliance with PoE (802.3af/at) • 0.3 A - Port PoE OUT 3 - Passive PoE Total max. 0.6 A	...
Cards support	...	...	...	...	...	...	...	...
Reading distance of prox-keys	...	...	...	...	...	...	...	...
Input power pairs PoE IN	...	...	...	...	...	...	1/2 (+) 3/6(-) 4/5 (+) 7/8 (-)	...
Keyboard built-in	...	...	...	...	...	...	...	...
Supported hard drives	...	...	...	...	...	...	...	...
Maximal total power	...	...	...	...	...	...	...	...
Supported resolutions	...	9 Channels @ 4000 x 3000 px - 12 Mpx , 9 Channels @ 3840 x 2160 px - 4K , 36 Channels @ 1920 x 1080 - 1080p , 81 Channels @ 1280 x 720 - 720p , 144 Channels @ 704 x 576 - D1	...	...	...	...	...	...
Output power pairs PoE OUT1/2	...	...	...	...	...	...	4/5 (+) 7/8 (-) - Passive PoE	...
Doorbell button	...	...	...	...	...	...	...	...
Number of supported screens	...	9 pcs	...	...	...	...	...	...
Supported data rates	...	...	...	...	...	...	...	...
Ethernet interface	...	...	...	...	...	...	10/100 Mb/s	...
Searching and playback the records	...	...	...	...	...	...	...	...
Maximal output power	...	...	...	...	...	...	...	...

	MICROWAVE RADAR DS-PR1-60 Hikvision	OBJECT PROTECTION SYSTEM MANAGEMENT SERVER DSS7016D-S2 DAHUA	EXTENDER ETHERNET VIA UTP CABLE EA-EOU101 COP	CONVERTER IPM-AE7-0020A DAHUA	ETHERNET + EPOE CONVERTER LR1002 DAHUA	EXTENDER ETHERNET+PoE LR1002-1EC-V3 RECEIVER DAHUA	EXTENDER ETHERNET+PoE LR1002-1ET TRANSMITTER DAHUA	EXTENDER ETHERNET+PoE LR1002-1ET-V3 TRANSMITTER DAHUA	ACCESS CONTROLLER WITH FACE RECOGNITION DS-K1T341AM-S - 720p Hikvision
	2394.25 EUR 2394.25 EUR	16365.22 EUR 16365.22 EUR	77.33 EUR 77.33 EUR	116.21 EUR 116.21 EUR	11.24 EUR 11.24 EUR	26.30 EUR 26.30 EUR	52.13 EUR 52.13 EUR	26.30 EUR 26.30 EUR	477.99 EUR 477.99 EUR
Compatibility	...	...	...	Dahua ANPR cameras	...	...	...	...	...
Application	Outdoor	...	...	...	...	...	...	...	...
Adjusting the reference temperature	...	...	...	...	...	...	...	...	...
Input	...	...	...	RS-485 interface	...	...	...	...	...
Sensor type	Microwave (MW)	...	...	...	...	...	...	...	...
Setting resolution	...	...	...	...	...	...	...	...	...
In package	...	...	...	...	**2 pcs The price for package**	...	...	...	...
Number of video channels	...	max. 2000	...	...	...	...	...	...	...
Setting accuracy	...	...	...	...	...	...	...	...	...
Output	...	...	...	Wiegand interface - 26 bit	...	...	...	...	...
Recommended installation height	1.2 m ... 4 m	...	...	...	...	...	...	...	...
Scanning system	...	...	...	...	...	...	...	...	...
Standards	...	...	...	...	...	...	...	...	...
Setting stability	...	...	...	...	...	...	...	...	...
Detection angle	100 °	...	...	...	...	...	...	...	...
Transmission ports	...	...	1 pcs BNC + BNC / UTP converter - cable terminals	...	1 pcs BNC	1 pcs BNC	1 pcs BNC	1 pcs BNC	...
Input voltage	...	...	...	...	...	...	...	...	...
Effective Emissivity	...	...	...	...	...	...	...	...	...
UTP transmission range	...	...	...	...	...	...	...	...	...
Optical zoom	...	...	...	...	...	...	...	...	...
Sensitivity adjustment	Automatic	...	...	...	...	...	...	...	...
Audio inputs	...	1 pcs Microphone - Jack 3.5 mm socket	...	...	...	...	...	...	...
Connectors	...	...	...	...	...	...	...	...	...
Size of the reference surface	...	...	...	...	...	...	...	...	...
Output voltage	...	...	...	...	...	...	...	...	...
Number of inputs	...	...	...	...	...	...	...	...	...
Number of outputs	...	...	...	...	...	...	...	...	...
LAN ports	...	...	1 pcs RJ45	...	1 pcs RJ45	1 pcs RJ45	1 pcs RJ45	1 pcs RJ45	...
Connector	...	...	...	...	...	...	...	...	...
Sensor	...	...	...	...	...	...	...	...	CMOS
Management	...	...	...	...	...	...	...	...	...
Matrix size	...	...	...	...	...	...	...	...	2 Mpx
Pixel pitch	...	...	...	...	...	...	...	...	...
LED diodes	...	...	...	...	...	...	...	...	...
Lens	...	...	...	...	...	...	...	...	...
Output current	...	...	...	...	...	...	...	...	...
Cards support	...	...	...	...	...	...	...	...	13.56 MHz S50
Reading distance of prox-keys	...	...	...	...	...	...	...	...	...
Input power pairs PoE IN	...	...	...	...	...	...	...	...	...
Keyboard built-in	...	...	...	...	...	...	...	...	...
Supported hard drives	...	• 15 x 10 TB SATA III, • Cooperation with the DAHUA disk arrays of the ESS series Maximum supported total disk space : 200 TB Possibility of operation the disks in RAID 0/1/5/6/10 array	...	...	...	...	...	...	...
Maximal total power	...	...	...	...	...	...	...	...	...
Supported resolutions	...	max. 12 Mpx - 4000 x 3000 px	...	...	...	...	...	...	...
Output power pairs PoE OUT1/2	...	...	...	...	...	...	...	...	...
Doorbell button	...	...	...	...	...	...	...	...	...
Number of supported screens	...	...	...	...	...	...	...	...	...
Supported data rates	...	...	...	...	...	...	...	...	...
Ethernet interface	...	...	...	...	...	...	...	...	...
Searching and playback the records	...	Records searching: by time and events type. Records playback: forward, backward, fast, slow "Frame by Frame" playback function	...	...	...	...	...	...	...
Maximal output power	...	...	...	...	...	...	...	...	...

	ACCESS CONTROLLER WITH TEMPERATURE MEASUREMENT DS-K1TA70MI-T - 1080p Hikvision	EXTENDER EXT-POE2 PULSAR	EXTENDER EXT-POE2H IN A HERMETIC CASING PULSAR	EXTENDER EXT-POE3H IN A HERMETIC CASING PULSAR	EXTENDER EXT-POE4 PULSAR	EXTENDER EXT-POE4H IN A HERMETIC CASING PULSAR	POE SWITCH / EXTENDER PFT1300 3-PORT DAHUA	POE SWITCH / EXTENDER PFT1320 3-PORT
								
	1792.64 EUR 1792.64 EUR	29.65 EUR 29.65 EUR	66.71 EUR 66.71 EUR	66.71 EUR 66.71 EUR	25.59 EUR 25.59 EUR	41.61 EUR 41.61 EUR	23.19 EUR 23.19 EUR	17.98 EUR 17.98 EUR
Compatibility	...	...	...	...	...	...	...	...
Application	...	...	...	...	...	...	...	...
Adjusting the reference temperature	...	...	...	...	...	...	...	...
Input	...	...	...	...	...	...	...	...
Sensor type	...	...	...	...	...	...	...	...
Setting resolution	...	...	...	...	...	...	...	...
In package	...	...	...	...	...	...	...	...
Number of video channels	...	...	...	...	...	...	...	...
Setting accuracy	...	...	...	...	...	...	...	...
Output	...	...	...	...	...	...	...	...
Recommended installation height	...	...	...	...	...	...	...	...
Scanning system	Progressive	...	...	...	...	...	...	...
Standards	...	PoE : IEEE 802.3at, IEEE 802.3af	PoE : IEEE 802.3at, IEEE 802.3af	PoE : 802.3af/at - Port PoE OUT 1/2, Passive PoE - Port PoE OUT 3	...	...	...	...
Setting stability	...	...	...	...	...	...	...	...
Detection angle	...	...	...	...	...	...	...	...
Transmission ports	...	...	...	...	...	...	...	...
Input voltage	...	42 ... 57 V DC	42 ... 57 V DC	42 ... 57 V DC	42 ... 57 V DC	42 ... 57 V DC	...	...
Effective Emissivity	...	...	...	...	...	...	...	...
UTP transmission range	...	...	...	...	...	...	...	...
Optical zoom	...	...	...	...	...	...	...	...
Sensitivity adjustment	...	...	...	...	...	...	...	...
Audio inputs	...	...	...	...	...	...	...	...
Connectors	...	...	...	...	...	...	...	...
Size of the reference surface	...	...	...	...	...	...	...	...
Output voltage	...	42 ... 57 V DC	42 ... 57 V DC	42 ... 57 V DC	42 ... 57 V DC	42 ... 57 V DC	...	...
Number of inputs	...	1	1	1	1	1	...	...
Number of outputs	...	2	2	3	2	2	...	...
LAN ports	...	...	...	...	...	...	• 1 x RJ45 10/100 Base-T + power input : PoE (802.3af/at), • 2 x RJ45 10/100 Base-T + PoE (802.3af)	• 1 x RJ45 10/100 Base-T + power input : PoE (802.3af/at), • 2 x RJ45 10/100 Base-T + PoE (802.3af)
Connector	...	3 x RJ-45 socket	3 x RJ-45 socket	4 x RJ-45 socket	3 x RJ-45 socket	3 x RJ-45 socket	...	...
Sensor	CMOS Uncooled VOx microbolometer	...	...	...	...	...	...	...
Management	...	...	...	...	...	...	–	–
Matrix size	2.1 Mpx 120 x 160 px	...	...	...	...	...	...	...
Pixel pitch	...	...	...	...	...	...	...	...
LED diodes	...	...	...	...	...	...	LAN, PoE	Link, Act
Lens	...	...	...	...	...	...	...	...
Output current	...	...	...	...	...	...	...	...
Cards support	13.56 MHz S50	...	...	...	...	...	...	...
Reading distance of prox-keys	~ 5 cm	...	...	...	...	...	...	...
Input power pairs PoE IN	...	...	...	...	...	...	...	...
Keyboard built-in	...	...	...	...	...	...	...	...
Supported hard drives	...	...	...	...	...	...	...	...
Maximal total power	...	...	...	...	...	...	...	...
Supported resolutions	...	...	...	...	...	...	...	...
Output power pairs PoE OUT1/2	...	...	...	...	...	...	...	...
Doorbell button	...	...	...	...	...	...	...	...
Number of supported screens	...	...	...	...	...	...	...	...
Supported data rates	...	• Range : 100 m - Input, 100 m - 2 x Output, • Supported data rates 10 / 100 Mbps - Fast Ethernet	• Range : 100 m - Input, 100 m - 2 x Output, • Supported data rates 10 / 100 Mbps - Fast Ethernet	• Range : 100 m - Input, 100 m - 3 x Output, • Supported data rates 10 / 100 Mbps - Fast Ethernet	• Range : 100 m - Input, 100 m - 2 x Output, • Supported data rates 10 / 100 Mbps - Fast Ethernet	• Range : 100 m - Input, 100 m - 2 x Output, • Supported data rates 10 / 100 Mbps - Fast Ethernet	...	...
Ethernet interface	...	...	...	...	...	...	...	...
Searching and playback the records	...	...	...	...	...	...	...	...
Maximal output power	...	...	...	...	...	...	• 15.4 W @ port PoE - First device • 3 W @ port PoE - Second device in cascade	15.4 W @ port PoE - First device

Resolution	1920 x 1080 - 1080p 800 x 600 - 0.48 Mpx	1920 x 1080 - 1080p 800 x 600 - 0.48 Mpx	1920 x 1080 - 1080p 1280 x 720 - 720p 640 x 480 px	...	...	1920 x 1080 - 1080p	1920 x 1080 - 1080p	1920 x 1080 - 1080p	1920 x 1080 - 1080p 120 x 90 px	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1280 x 720 - 720p	1920 x 1080 - 1080p	...	...	...	...	...	...	...
Video inputs	...	...	...	...	...	...	...	...	...	...	• 2 x HDMI 4K • 2 x DVI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Memory	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	• Memory of 1500 face templates • Memory of 1500 RFID cards • Non-volatile log buffer of the last 150 000 events	Memory of 6000 face templates Memory of 6000 RFID cards Non-volatile log buffer of the last 100 000 events	...	...	...	...	...	...	...
Bitrate	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	max. 700 Mbps	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alarm outputs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3 pcs : 0.5 A / 125 V AC 1 pcs : 10 A / 240 V AC	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
View angle	68 ° 70 °	68 ° 70 °	66 ° 66 ° 90 °	...	...	...	...	...	50 °	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Video outputs	...	...	...	...	...	...	...	...	...	...	9 x HDMI	...	...	...	...	...	...	...	• 3 pcs HDMI • 1 pcs VGA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Operation state indication	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	LED diodes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
LED indication	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	✓	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Interface	...	...	USB, RS-232 TTL	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Audio outputs	...	...	...	...	...	...	...	...	...	...	HDMI	...	...	...	...	...	...	...	1 pcs - Jack 3.5 mm socket	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Microwave frequency band	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24 GHz	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IR illuminator	...	...	...	...	...	✓	✓	✓	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	–	✓	...	...	...	...	...	...	...
Maximum background illumination	...	...	100 000 Lux	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pet immunity	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	max. 20 kg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
LED illuminator	...	...	...	...	...	✓	✓	✓	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	–	✓	...	...	...	...	...	...	...
Network functions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Full support via network, Remote records copying, Web Server built-in max. 200 on-line users	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Antimask feature	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	✓	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
RFID proximity reader built-in	...	...	...	...	...	• 13.56 MHz S50 • Memory of 500 RFID cards	• 13.56 MHz S50 • Memory of 500 RFID cards	• 13.56 MHz S50 • Memory of 1500 RFID cards	13.56 MHz S50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Output power	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	max. 15.4 W / port PoE max. 20 W (total)	15.4 W / Port PoE OUT 1/2 , max. 20 W (total)	19.2 W / Port PoE OUT 1/2 , 14.4 W / Port PoE OUT 3 , max. 19.2 W (total)	max. 14.4 W / port PoE , max. 20 W (total)	max. 14.4 W / port PoE , max. 20 W (total)	...	...
Mobile phones support	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	✓	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
LAN+PoE port configuration description	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	• xCOAX4-SW : PoE IN - Passive PoE ≤ 30 W, PoE (802.3at) ≤ 30 W, PoE (802.3af) ≤ 15 W ("+/-": 1, 2 pins; "+/-": 3, 6 pins) or ("+/-": 4, 5 pins; "+/-": 7, 8 pins) • xCOAX4-CAM : Port LAN 10/100Mb or LAN + PoE OUT - PoE (802.3bt) ≤ 60 W, PoE (802.3at) ≤ 30 W, PoE (802.3af) ≤ 15 W	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Range	...	...	...	...	100 m - Input 100 m - Output	...	...	...	...	...	...	...	...	...	...	...	...	60 m	...	...	...	...	...	...	...	...	...	...	...	...	...	...	100 m - Input 100 m - Output	100 m - Input 100 m - Output
Target speed range	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	-8.7 ... +8.7 m/s	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
RS-232 interface	...	...	...	...	...	–	–	–	✓	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
USB	...	...	...	...	...	1 x USB 2.0	1 x USB 2.0	1 x USB 2.0	2 x USB 2.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Terminals	...	...	...	...	...	...	...	...	...	...	...	...	...	ETH-2WIRE-TX : • PoE IN - Passive PoE ≤ 30 W, PoE (802.3at) ≤ 30 W, PoE (802.3af) ≤ 15 W ("+/-": 1, 2 pins; "+/-": 3, 6 pins) or ("+/-": 4, 5 pins; "+/-": 7, 8 pins) • Power • DATA - 2-wire ETH-2WIRE-RX : • PoE OUT - Passive PoE ("+": 4, 5 pins; "-": 7, 8 pins) • Power • DATA - 2-wire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Connectors description	...	...	...	...	...	...	...	...	...	...	...	...	...	...	ETH10-2WIRE-TX : • PoE IN - Passive PoE ≤ 30 W, PoE (802.3at) ≤ 30 W, PoE (802.3af) ≤ 15 W ("+/-": 1, 2 pins; "+/-": 3, 6 pins) or ("+/-": 4, 5 pins; "+/-": 7, 8 pins) • Power • DATA - 2-wire ETH10-2WIRE-RX : • PoE OUT - Passive PoE ("+": 4, 5 pins; "-": 7, 8 pins) • Power • DATA - 2-wire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Serial ports	...	...	...	...	...	...	...	...	...	...	• 2 pcs RS-232 @ RJ45 • 1 pcs RS-232 @ D-Sub • 1 pcs RS-485	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Transmission speed	...	...	...	10 / 100 Mbps : 2 LAN & PoE ports	10 / 100 Mbps	...	...	...	...	...	...	10 / 100 Mbps Half Duplex	10 / 100 Mbps Half Duplex	100 Mbps	10 Mbps	...	...	...	...	10 / 100 Mbps Full Duplex	...	10 / 100 Mbps Full Duplex	10 / 100 Mbps	10 / 100 Mbps Full Duplex	10 / 100 Mbps	...	...	...	...	...	...	...	10 / 100 Mbps	10 / 100 Mbps
Operation temp. / Relative humidity	...	...	...	...	-30 ... 65 °C / 10 ... 90 %	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	-10 ... 40 °C / 10 ... 90 %	-10 ... 40 °C / 10 ... 90 %	-25 ... 50 °C / 10 ... 90 %	-10 ... 40 °C / 10 ... 90 %	-10 ... 40 °C / 10 ... 90 %	-30 ... 65 °C / 10 ... 90 %	-30 ... 65 °C / 10 ... 90 %
PTZ control	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	IP Speed Dome Cameras, RS-485	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
RS-485	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	✓	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
RS-232	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	✓	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Motion Detection	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	✓	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Intelligent image analysis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	✓	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mouse support	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	✓	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Relay output	...	NO, NC	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ANPR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	max. 64 cameras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Face recognition	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	max. 64 cameras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
IK rating	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	IK09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Transmission range	...	...	...	...	...	...	...	...	...	...	...	200 m @ RG6	max. 1000 m @ 10 Mbps max. 400 m @ 100 Mbps The range of data transfer and power supply is strongly dependent on the cable used and the power required to supply the receiver	• 300 m @ 2-wire : UTP, • 100 m @ 2-wire : OMY-2X0.75 • 100 m @ UTP : Switch PoE - ETH-2WIRE-TX • 100 m @ UTP : ETH-2WIRE-RX - IP Camera	• 1000 m @ 2-wire • 100 m @ UTP : Switch PoE - ETH10-2WIRE-TX • 100 m @ UTP : ETH10-2WIRE-RX - IP Camera	...	< 1000 m @ Coaxial cable < 100 m @ xCOAX4-SW - Switch PoE < 100 m @ xCOAX4-CAM - IP Camera	...	...	max. 1000 m	...	max. 1000 m @ 10 Mbps max. 400 m @ 100 Mbps The range of data transfer and power supply is strongly dependent on the cable used and the power required to supply the receiver	max. 1000 m @ 10 Mbps , max. 400 m @ 100 Mbps The range of data transfer and power supply is strongly dependent on the cable used and the power required to supply the receiver	max. 1000 m @ 10 Mbps max. 400 m @ 100 Mbps The range of data transfer and power supply is strongly dependent on the cable used and the power required to supply the receiver	max. 1000 m @ 10 Mbps max. 400 m @ 100 Mbps The range of data transfer and power supply is strongly dependent on the cable used and the power required to supply the receiver	...	...	...	...	...	...	...	...	...

QR codes reading	...	...	• 1D : EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5 (ITF), ITF-6, ITF-14, ISBN, ISSN, MSI-Plessey, GS1 Databar, Code 11, Industrial 25, Standard 25, Plessey, Matrix 2 of 5 • 2D : QR Code, Data Matrix, PDF417, Aztec	...	...	...	...	...	...
LED indicators	...	...	...	...	...	...	...	...	...
Max. number of on-line users	20	20	...	...	...	...	...	...	...
RS-485	✔	✔	...	...	...	...	...	...	...
Protections	...	...	...	...	Overvoltage	...	...	...	...
Main features	...	...	...	• Can be powered from a switch (PoE 802.3at/af, Passive PoE) and via screw connectors • Possibility to connecting in cascade • The device can function as a LAN network and PoE power extender • The output PoE voltage is equal to the input voltage	• Possibility to connecting in cascade • The device can function as a LAN network and PoE power extender	...	...	...	...
Reading distance	...	...	• EAN13 (13 mm) : 30 ... 140 mm • Code 39 (5 mm) : 30 ... 50 mm • QR Code (20 mm) : 35 ... 120 mm • Data Matrix (10 mm) : 30 ... 70 mm • PDF417 (6.67 mm) : 30 ... 80 mm	...	...	...	...	...	...
Minimal contrast	...	...	25 %	...	...	...	...	...	...
Standard	TCP/IP	TCP/IP	TCP/IP	...	...	TCP/IP	TCP/IP	TCP/IP	TCP/IP
Range of IR illumination	5 m	5 m	5 m	...	...	...	...	...	5 m
White light LED illuminator range	5 m	5 m	5 m	...	...	...	...	...	5 m
Temperature measurement	✔	✔	✔	...	...	—	—	—	✔
Temperature measurement range	35 °C ... 42 °C	35 °C ... 42 °C	35.7 °C ... 42 °C	...	...	—	—	—	30 °C ... 50 °C
Accuracy of temperature measurement	± 0.3 °C	± 0.3 °C	± 0.3 °C	...	...	—	—	—	± 0.1 °C
SAP Code	...	...	...	...	...	...	...	...	...
Temperature measurement distance	0.5 m ... 1.3 m optimal distance : 0.75 m	0.5 m ... 1.3 m optimal distance : 0.75 m	0.7 m ... 1.2 m	...	...	...	...	...	...
Face recognition distance	0.5 m ... 1.5 m (max 30 000 faces in the database)	0.5 m ... 2.3 m (max 30 000 faces in the database)	0.5 m ... 2.0 m (max 30 000 faces in the database)	...	...	0.3 m ... 1.5 m (max 500 faces in the database)	0.3 m ... 1.5 m (max 500 faces in the database)	0.3 m ... 1.5 m (max 1500 faces in the database)	0.3 m ... 1.8 m (max 100 000 faces in the database)
Internal memory	Support storage of 25 000 records	Support storage of 25 000 records	Support storage of 50 000 records	...	...	Support storage of 150 000 records	Support storage of 150 000 records	Support storage of 150 000 records	Support storage of 300 000 records
Video output	—	—	—	...	...	—	—	—	—
RS-485 interface	✔	✔	✔	...	...	✔	✔	✔	✔
Wiegand interface	✔	✔	✔	...	...	—	—	—	✔
Memory card slot	—	—	—	...	...	—	—	—	—
Operation temp	...	...	...	...	...	...	...	...	...
Alarm inputs / outputs	0 / 2 (bolt control, signaling of exceeding the temperature)	0 / 2 (bolt control, signaling of exceeding the temperature)	0 / 1	...	...	1 / 1 - Relay outputs	1 / 1 - Relay outputs	1 / 1 - Relay outputs	2 / 2 - Relay outputs
Audio	Speaker built-in	Speaker built-in	Speaker built-in	...	...	Voice message	Voice message	Voice message	Speaker built-in
Network interface	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	...	...	1 x 10/100 Base-T (RJ-45)	1 x 10/100 Base-T (RJ-45)	1 x 10/100 Base-T (RJ-45)	• 1 x 10/100 Base-T (RJ-45) • 1 x 10/100/1000 Base-T (RJ-45)
Network protocols	IPv4, HTTP, HTTPS, TCP/IP	IPv4, HTTP, HTTPS, TCP/IP	IPv4, TCP/IP, HTTP, MQTT, RTSP, SMTP, NTP	...	...	IPv4, RTSP, RTP, TCP, UDP, P2P	IPv4, RTSP, RTP, TCP, UDP, P2P	IPv4, RTSP, RTP, TCP, UDP, P2P	IPv4, RTSP, RTP, TCP, UDP, P2P
WEB Server	Built-in	Built-in	Built-in	...	...	Built-in	Built-in	Built-in	Built-in
ONVIF	—	—	—	...	...	—	—	—	✔
Default IP address	DHCP / 192.168.1.88	DHCP / 192.168.1.88	DHCP / 192.168.1.88	...	...	192.168.1.108	192.168.1.108	192.168.1.108	192.168.1.108
Default admin user / password	admin / 12345	admin / 12345	admin / 12345	...	...	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start
Web browser access ports	7080	7080	80	...	...	80, 37777	80, 37777	80, 37777	80, 37777
PC client access ports	7080	7080	80	...	...	37777	37777	37777	37777

QR codes reading	...	...	...	...	...	...	...	...	...
LED indicators	...	...	...	...	• Power • LAN • 2-wire	• Power • LAN • 2-wire	...	• PoE • LAN • Link • 10Mb	...
Max. number of on-line users	...	...	...	...	...	...	...	...	...
RS-485	...	...	...	...	...	...	...	...	...
Protections	...	...	...	Short-circuit Protection against electrostatic discharge	• Overvoltage - LAN, DATA • Protection against reverse polarity connection - Power • Overload 0.6 A - PoE IN ETH-2WIRE-TX	• Overvoltage - LAN, DATA • Protection against reverse polarity connection - Power • Overload 0.6 A - PoE IN ETH10-2WIRE-TX	• Short-circuit • Overload	• Overvoltage - LAN, BNC • Short-circuit - xCOAX4-SW	...
Main features	Possibility to mount on a tripod - 1/4" thread	...	• Plug & Play • Support for IP cameras and network devices • Full transparency for networks	• Plug & Play • The device works only with recorders and cameras supporting the ePOE standard • Easy installation - doesn't require any configuration of IP nor MAC address • Length of the cable : 10.5 cm	• Plug & Play • Support for IP cameras and network devices • Full transparency for networks • Operation modes - Set with jumpers	• Plug & Play • Support for IP cameras and network devices • Full transparency for networks • Operation modes - Set with jumpers	...	• Plug & Play • Support for IP cameras and network devices • Full transparency for networks • Watchdog function - Coaxial cable	• Maximum number of objects to be observed : 32 • Immunity to environmental changes • Creep zone control • Display the position and direction of an object and the path it has traveled through it • Detection of non-standard moving objects (crawling, squatting or kneeling) • Ability to work with up to 4 Speed Dome cameras for automatic tracking of objects detected by the radar • Tamper detection - opening the enclosure, removing from mounting surface • RESET button
Reading distance	...	...	...	...	...	...	...	...	...
Minimal contrast	...	...	...	...	...	...	...	...	...
Standard	...	...	...	...	...	...	...	...	...
Range of IR illumination	...	...	...	...	...	...	...	...	...
White light LED illuminator range	...	...	...	...	...	...	...	...	...
Temperature measurement	...	...	...	...	...	...	...	...	...
Temperature measurement range	...	...	...	...	...	...	...	...	...
Accuracy of temperature measurement	...	...	...	...	...	...	...	...	...
SAP Code	315800009	...	...	...	...	...	...	...	302401144
Temperature measurement distance	...	...	...	...	...	...	...	...	...
Face recognition distance	...	...	...	...	...	...	...	...	...
Internal memory	...	...	...	...	...	...	...	...	...
Video output	...	...	...	...	...	...	...	...	...
RS-485 interface	...	...	...	...	...	...	...	...	...
Wiegand interface	...	...	...	...	...	...	...	...	...
Memory card slot	...	...	...	...	...	...	...	...	...
Operation temp	0 °C ... 40 °C	-10 °C ... 55 °C	...	...	-25 °C ... 65 °C	-25 °C ... 65 °C	-10 °C ... 40 °C	-25 °C ... 65 °C	-40 °C ... 65 °C
Alarm inputs / outputs	...	4 / 4	...	...	...	...	...	...	...
Audio	...	...	...	...	...	...	...	...	...
Network interface	...	2 x RJ45 10/100/1000 Base-T	...	...	...	...	...	...	10/100 Base-T (RJ-45)
Network protocols	...	...	...	...	...	...	...	...	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP, SSH
WEB Server	...	...	...	...	...	...	...	...	...
ONVIF	...	...	...	...	...	...	...	...	...
Default IP address	...	192.168.1.108	...	...	...	...	...	...	...
Default admin user / password	...	admin / -	...	...	...	...	...	...	...
Web browser access ports	...	...	...	...	...	...	...	...	...
PC client access ports	...	...	...	...	...	...	...	...	...

QR codes reading	...	...	...	...	...	...	...	...	...
LED indicators	...	...	...	...	...	...	...	...	...
Max. number of on-line users	...	...	...	...	...	...	...	...	...
RS-485	...	...	...	...	...	...	...	...	✔
Protections	...	...	...	Overvoltage	Overvoltage	Overvoltage	Overvoltage	...	...
Main features	...	• Plug & Play • The device uses 1 pair of twisted-pair cable for transmission to 1 IP camera	...	• Plug & Play • MDI/MDI-X auto detection feature - auto detecting the data transmission mode • Support for IP cameras and network devices • Easy installation - doesn't require any configuration of IP nor MAC address • 2 pcs included	• Plug & Play • Support for IP cameras and network devices • Easy installation - doesn't require any configuration of IP nor MAC address • Power supply PoE - pins 1, 2 and 3, 6 • Supports long range power supply transmission via coaxial cable • The device operates from the PoE switch side • Possibility to mount on a wall, or on the DIN TS-35 rail	• Plug & Play • MDI/MDI-X auto detection feature - auto detecting the data transmission mode • Support for IP cameras and network devices • Easy installation - doesn't require any configuration of IP nor MAC address • The device operates from the camera side • Possibility to mount on a wall, or on the DIN TS-35 rail • UTP cable length to the camera max. 2 m	• Plug & Play • MDI/MDI-X auto detection feature - auto detecting the data transmission mode • Support for IP cameras and network devices • Easy installation - doesn't require any configuration of IP nor MAC address • Power supply PoE - pins 1, 2 and 3, 6 • The device operates from the camera side • Possibility to mount on a wall, or on the DIN TS-35 rail • UTP cable length to the camera max. 2 m	...	...
Reading distance	...	...	...	...	...	...	...	...	...
Minimal contrast	...	...	...	...	...	...	...	...	...
Standard	TCP/IP	...	...	...	...	...	...	TCP/IP	TCP/IP
Range of IR illumination	...	...	...	...	...	...	...	...	...
White light LED illuminator range	...	...	...	...	...	...	...	...	...
Temperature measurement	...	...	...	...	...	...	...	...	✔
Temperature measurement range	...	...	...	...	...	...	...	...	30 °C ... 45 °C
Accuracy of temperature measurement	...	...	...	...	...	...	...	...	± 0.5 °C
SAP Code	...	...	...	...	...	...	...	302917454	302917212
Temperature measurement distance	...	...	...	...	...	...	...	...	0.3 ... 1.8 m
Face recognition distance	...	...	...	...	...	...	...	0.3 m ... 1.5 m	0.3 m ... 1.8 m
Internal memory	...	...	...	...	...	...	...	...	...
Video output	...	...	...	...	...	...	...	—	—
RS-485 interface	...	...	...	...	...	...	...	✔	✔
Wiegand interface	...	...	...	...	...	...	...	...	...
Memory card slot	...	...	...	...	...	...	...	—	—
Operation temp	...	...	...	...	...	...	...	...	...
Alarm inputs / outputs	4 / 2	...	...	...	...	...	...	—	2 / 1
Audio	...	...	...	...	...	...	...	Speaker built-in	Speaker built-in
Network interface	4 x 10/100/1000 Base-T	...	...	...	...	...	...	10/100/1000 Mbps (RJ-45)	10/100/1000 Base-T (RJ-45)
Network protocols	...	...	...	...	...	...	...	TCP/IP, ISUP, ISAPI	TCP/IP
WEB Server	...	...	...	...	...	...	...	Built-in	—
ONVIF	...	...	...	...	...	...	...	—	—
Default IP address	192.168.1.108	...	...	...	...	...	...	192.168.1.64	192.168.1.64
Default admin user / password	admin / - The administrator password should be set at the first start	...	...	...	...	...	...	admin / - The administrator password should be set at the first start	admin / - The administrator password should be set at the first start
Web browser access ports	80, 37777	...	...	...	...	...	...	80	...
PC client access ports	37777	...	...	...	...	...	...	port 8000	port 8000

QR codes reading	...	...	...	...	...	...	...
LED indicators	Link/Act	LAN, PoE	LAN, PoE	Link/Act	Link/Act	...	...
Max. number of on-line users	...	...	...	...	...	...	...
RS-485	...	...	...	...	...	...	...
Protections	• Overvoltage • Overload • Short-circuit	• Overvoltage • Overload • Short-circuit	• Overvoltage • Overload • Short-circuit	• Overvoltage • Overload • Short-circuit	• Overvoltage • Overload • Short-circuit	Overvoltage	—
Main features	...	...	...	...	...	• Possibility to connecting in cascade • The device can function as a LAN network and PoE power extender	• Possibility to connecting in cascade • The device can function as a LAN network and PoE power extender
Reading distance	...	...	...	...	...	...	...
Minimal contrast	...	...	...	...	...	...	...
Standard	...	...	...	...	...	...	...
Range of IR illumination	...	...	...	...	...	...	...
White light LED illuminator range	...	...	...	...	...	...	...
Temperature measurement	...	...	...	...	...	...	...
Temperature measurement range	...	...	...	...	...	...	...
Accuracy of temperature measurement	...	...	...	...	...	...	...
SAP Code	...	...	...	...	...	...	...
Temperature measurement distance	...	...	...	...	...	...	...
Face recognition distance	...	...	...	...	...	...	...
Internal memory	...	...	...	...	...	...	...
Video output	...	...	...	...	...	...	...
RS-485 interface	...	...	...	...	...	...	...
Wiegand interface	...	...	...	...	...	...	...
Memory card slot	...	...	...	...	...	...	...
Operation temp	...	...	...	...	...	...	...
Alarm inputs / outputs	...	...	...	...	...	...	...
Audio	...	...	...	...	...	...	...
Network interface	...	...	...	...	...	...	...
Network protocols	...	...	...	...	...	...	...
WEB Server	...	...	...	...	...	...	...
ONVIF	...	...	...	...	...	...	...
Default IP address	...	...	...	...	...	...	...
Default admin user / password	...	...	...	...	...	...	...
Web browser access ports	...	...	...	...	...	...	...
PC client access ports	...	...	...	...	...	...	...

Main features	• Built-in LCD display showing the image from the video camera and the result of temperature measurement - 1024 x 600 px • Wiegand 26 • Day/Night mode (color/b&w/auto) • RESET button • Relay output operating modes: access control or notification of an exception	• Built-in LCD display showing the image from the video camera and the result of temperature measurement - 1024 x 600 px • Day/Night mode (color/b&w/auto) • RESET button • Wiegand 26 • Relay output operating modes: access control or notification of an exception	• Built-in LCD display showing the image from the video camera and the result of temperature measurement - 800 x 1280 px, 8 " • Wiegand 34/26 • Day/Night mode (color/b&w/auto) • RESET button • Alarm output of NO/NC relay type • Relay output operating modes: access control or notification of an exception • Built-in QR code reader	...	...	• Built-in LCD display showing the image from the video camera - 4.3 " capacitive touch screen, 480 x 272 px • Identification modes : PIN, Proximity identifier 13.56 MHz S50, Face recognition, Any combination of the above • 500 users • Software update via network • Real-time Surveillance • Multiple Authentication • Take face image after swiping card • Auto-Registration • Recording of information about Time&Attendance • Statistical Reporting • Backup to USB drive (pendrive, external drive) • Output button support • Door status detection • Lock control • Tamper protections	• Built-in LCD display showing the image from the video camera - 4.3 " capacitive touch screen, 480 x 272 px • Identification modes : PIN, Proximity identifier 13.56 MHz S50, Face recognition, Any combination of the above • 500 users • Software update via network • Real-time Surveillance • Multiple Authentication • Take face image after swiping card • Auto-Registration • Recording of information about Time&Attendance • The possibility of programming group or individual work schedules, taking into account the permissible time of lateness and earlier exit • Statistical Reporting • Backup to USB drive (pendrive, external drive) • Output button support • Door status detection • Lock control • Tamper protections	• Built-in LCD display showing the image from the video camera - 4.3 " capacitive touch screen, 480 x 272 px • Identification modes : PIN, Proximity identifier 13.56 MHz S50, Face recognition, Any combination of the above • 1500 users • Software update via network • Real-time Surveillance • Multiple Authentication • Take face image after swiping card • Auto-Registration • Backup to USB drive (pendrive, external drive) • Output button support • Door status detection • Lock control • Function to prevent of multiple use of the same code/card to gain access (anti-passback) • Auto-uploads alarm messages to Master or client station after entering the duress code to open the door • Ability to work with reed switch and signalling the door being opened too long • 128 General Purpose Schedules • Unlocking the transition only when more than one user is present • Tamper protections	• Temperature measurement • Built-in LCD display showing the image from the video camera and the result of temperature measurement - 7 " capacitive touch screen, 1024 x 600 px • Identification modes : PIN, Proximity identifier 13.56 MHz S50, Face recognition, Any combination of the above • Wiegand 34/26 • WDR - 120 dB - Wide Dynamic Range • LED indication • Bbuzzer for acoustic signaling of some system events • AGC - Automatic Gain Control • Sharpness - sharper image outlines • Day/Night mode (color/b&w/auto) • RESET button • AI detection : A solution dedicated to measuring temperature. The camera is able to detect increased object temperature	...	...	...	...	...	...	...	...	...	• Cooperation with DAHUA recorders • IP Dahua cameras support • Cooperation with POS (Point of Sale) terminals - max. 64 devices • Cooperation with the DAHUA access control systems - support max. 256 doors • Cooperation with the DAHUA IP video doorphone systems : - Voice calls between the VTH series internal panels and the system management center - Video calls between door stations of the VTO series and the system management center - Work as a SIP server - Group connection with the VTH internal panels and devices compliant with the SIP protocol - Redirecting a video call to mobile phone • Automatic search for cooperating devices in the local network • Support for devices with the ANPR vehicle identification functions and face recognition • Sectional speed measurement (requires several ANPR cameras on the road section) • The ability to track the person's location based on the face recognition function • Central management of the access control system : - Adding, deleting and editing users - Change of permissions of individual users and groups of users - Change of access to individual zones - Monitoring the status of individual doors - Central database management, updating and sharing the database between all system devices - It applies both to the classic databases of users of the access control system as well as to the bases of identified faces and vehicles • Advanced functions of the transition control : - Anti-passback - Remote opening of the door - Leaving the door open after the first access - Unlocking the transition only when more than one user is present - Remote access verification • Cooperation with the MNVR mobile recorders : - Archiving recordings from the mobile recorder using the local Wi-Fi network - Archiving the route covered by the vehicle with a mobile recorder - Access to the image recorded by the mobile recorder in real time (the recorder must have an Internet connection and a fixed IP address) • Emap function - possibility to mark the location of system elements on the map of the object : - The use of Google Maps - When an alarm is triggered, the element that initiated the alarm is marked on the map - Access to preview images from cameras and archived recordings from the map level - The camera's field of view can be marked on the map - Ability to roughly determine the route covered by a person based on face recognition function (required devices supporting face recognition functions) - Ability to roughly determine the vehicle route based on ANPR recognition (required cameras supporting this function) • Cooperation with the wall of monitors • Cooperation with the controllers of the NKB series • Integration with the alarm system : - Signaling of events registered on the server by alarm outputs - Setting the system arming schedules - Calling up the action after receiving the signal from the alarm control panel - Transmission of information about the triggered alarm to selected users • Intelligent image analysis : Intelligent Object Tracking, people counting, heat map • Possibility to connecting in cascade - max. 5 levels, max. 20 devices • The possibility of redundant work	...	...	...	...	...	...	• 4.3 " capacitive touch screen • Mechanical tamper protection • WDR - Wide Dynamic Range • AI detection : Face recognition • Configuration and management from the iVMS-4200 application • Port USB • Recording of information about Time&Attendance • Possibility to open the gate using a QR code • Door lock control output • Possibility to connect an exit button and a reed switch to control the door status	• Detection of people without a mask - access denied or voice alerts • Temperature measurement • 7 " capacitive touch screen - 1024 x 600 px • Mechanical tamper protection • Wiegand 34/26 • AGC - Automatic Gain Control • Sharpness - sharper image outlines • Day/Night mode (color/b&w/auto) • AI detection : A solution dedicated to measuring temperature. The camera is able to detect increased object temperature	...	...	...	...	...	...	...

Power supply	12 V DC	12 V DC	12 V / 2 A DC	44 ... 58 V DC - Passive PoE 12 ... 18 V DC - screw connectors	PoE (802.3af/at)	12 V DC / 1.5 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 1.5 A (power adapter included)	12 V DC / 2 A (power adapter included)	100 V ... 240 V AC	230 V AC	-	ePoE	RTH-2W0BE-TX: • 44 ... 58 V DC - PoE • 24 ... 56 V DC - Power RTH-2W0BE-RX: • 24 ... 56 V DC - Power • The output PoE voltage is equal to the input voltage	RTH19-2W0BE-TX: • 30 ... 56 V DC - PoE • 10 ... 56 V DC - Power RTH19-2W0BE-RX: • 10 ... 56 V DC - Power • The output PoE voltage is equal to the input voltage	Compliance with PoE (802.3at/bt) - 44 V ... 57 V DC	xCOAX4-SW: • 10 ... 58 V DC - cable xCOAX4-SW: • PoE 802.3at/bt / PASSIVE • The output PoE voltage is equal to the input voltage	• 12 V DC / 500 mA • PoE (802.3at)	100 ... 240 V AC	12 V DC / 500 mA (power adapter included)	12 V DC / 20 mA (power adapter not included)	ePoE	48 V ... 57 V DC	• ePoE • PoE (802.3af/at)	• ePoE • PoE (802.3af/at)	12 V DC / 2 A (power adapter included)	12 V DC / 2 A (power adapter not included)	-	-	-	-	-	PoE (802.3af/at)	PoE (802.3af/at)
Country of origin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	China	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power consumption	≤ 12 W	≤ 12 W	≤ 18 W	≤ 35 W	0.3 W	≤ 18 W	≤ 18 W	≤ 18 W	≤ 24 W	≤ 20 W	≤ 70 W	-	-	-	≤ 25 W (max)	≤ 35 W (max)	-	≤ 25 W (max)	max. 10 W	-	-	-	-	-	-	-	≤ 24 W	≤ 24 W	-	-	-	-	-	1.3 W	2.3 W
Housing	Compact - Metal	Compact - Metal	Compact - Metal	-	Plastic, DIN, TS-35 rail mounting	Plastic (ABS)	Plastic (ABS)	Plastic (ABS)	Aluminum + Tempered glass	-	-	-	-	-	Plastic (PC)	Plastic (PC)	-	Plastic (PC)	-	-	-	-	-	-	-	Metal	Compact - Metal	Metal	Plastic, hermetic	Plastic, hermetic	Metal	Plastic, hermetic	Plastic, DIN, TS-35 rail mounting	Plastic
Color	Silver	Silver	Silver	-	-	Black + Silver	Black + Silver	Black + Silver	Black + Silver	-	-	-	-	-	-	-	-	-	White	-	-	-	-	-	-	Black / Silver	Silver + Black	-	-	-	-	-	-	-
"Index of Protection"	IP66	IP66	-	-	-	-	-	-	-	-	-	-	-	-	IP30	IP20	-	IP20	IP67	-	-	-	-	-	-	-	-	-	IP54	IP66	-	IP54	-	-	-
Operation temp	15 °C ... 25 °C - temperature measurement only in closed rooms (stabilized temperature)	15 °C ... 25 °C - temperature measurement only in closed rooms (stabilized temperature)	15 °C ... 25 °C - temperature measurement only in closed rooms (stabilized temperature)	-	-	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-30 °C ... 60 °C	0 °C ... 50 °C	-	-	-	-	-	-	-
Weight	0.94 kg	0.76 kg	1.8 kg	0.05 kg	0.05 kg	0.22 kg (without stand) 0.24 kg (with stand)	0.22 kg (without stand) 0.24 kg (with stand)	0.22 kg (without stand) 0.25 kg (with stand)	2 kg	1.85 kg	4.70 kg	0.055 kg (single element)	0.022 kg (single element)	0.03 kg (single element)	0.03 kg (single element)	0.11 kg	0.033 kg (single element)	1.84 kg	39.1 kg	0.14 kg	0.16 kg	0.030 kg	0.07 kg	0.061 kg	0.07 kg	0.31 kg	1.34 kg	0.11 kg	0.33 kg	0.31 kg	0.10 kg	0.55 kg	0.96 kg	0.95 kg
Dimensions	305 x 112 x 59 mm	121 x 220 x 41 mm (with bracket)	386 x 132 x 144 mm	72 x 52 x 20 mm (single element)	79 x 52 x 23 mm	• 116 x 107 x 22 mm (without stand) • 116 x 107 x 70 mm (with stand)	• 116 x 107 x 22 mm (without stand) • 116 x 107 x 70 mm (with stand)	• 116 x 107 x 22 mm (without stand) • 116 x 107 x 76 mm (with stand)	213 x 130 x 59 mm	177 x 126 x 120 mm	440 x 415 x 76 mm - 1 U	72 x 25 x 25 mm (single element)	45 x 20 x 18 mm (single element)	51 x 51 x 24 mm (single element)	51 x 51 x 24 mm (single element)	47 x 77 x 25 mm	• 73 x 52 x 20 mm - xCOAX4-SW • 73 x 52 x 18 mm - xCOAX4-CAM	228 x 206 x 61 mm	485 x 522 x 133 mm - RACK 19", 3U	120 x 33 x 33 mm	99 x 72 x 17 mm	• 56 x 27 x 21 mm • 7 cm (cable length)	79 x 64 x 23 mm	79 x 64 x 23 mm	79 x 64 x 23 mm	73 x 83 x 23 mm (without bracket)	117 x 290 x 35 mm (without bracket)	81 x 77 x 26 mm	198 x 148 x 78 mm	198 x 148 x 80 mm	86 x 77 x 26 mm	198 x 148 x 80 mm	80 x 51 x 23 mm	68 x 64 x 22 mm
Montage hole diameter	13 mm	-	33 mm	-	-	-	-	-	37 mm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Length of the cable	64 cm	64 cm	93 cm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Supported languages	-	Polish, English, French, Spanish, German, Portuguese, Russian, Turkish, Italian	Polish, English, French, Spanish, German, Portuguese, Russian, Turkish, Italian	English, French, Spanish, Ukrainian, Italian	-	English	English	English	English	-	-	-	-	-	-	-	-	-	English	-	-	-	-	-	English, German, French, Polish, Czech, Hungarian, Spanish, Portuguese, Slovenian, Albanian	Polish, English, French, Spanish, Portuguese, Russian, Italian	-	-	-	-	-	-	-	-
Manufacturer / Brand	OPTI	OPTI	OPTI	ATTE	-	SAMUA	SAMUA	SAMUA	SAMUA	Hikvision	SAMUA	-	-	-	ATTE	ATTE	PULSAR	ATTE	Hikvision	SAMUA	CAW	SAMUA	SAMUA	SAMUA	SAMUA	SAMUA	SAMUA	Hikvision	Hikvision	PULSAR	PULSAR	PULSAR	PULSAR	PULSAR	PULSAR	SAMUA
Guarantee	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	3 years	3 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years