	EXTENDER USB-EX-150/A-USB	EXTENDER USB-EX-200	EXTENDER USB-EX-50	EXTENDER HDMI4-USB-EK-100-RA	EXTENDER HDMI4-USB-EK-100-RA-G	EXTENDER HDMI4-USB-EK-70	EXTENDER HDMI4-USB-EK-70-RA-PBG	EXTENDER HDMI4-USB-EK-70-RA-G	POWER DISTRIBUTION UNIT PC-BOF-F1-6-4-OUTLETS	POWER DISTRIBUTION UNIT PC-BOMEFER-OUTLETS-1.5-M-EUROAND	WIRELESS OPTICAL MOUSE-UMO-1017-TOSO	POWER DISTRIBUTION UNIT AK-SP-05A-AKUSA	POWER DISTRIBUTION UNIT AK-SP-05F-AKUSA	POWER DISTRIBUTION UNIT PC-BOF-F1-6-4-OUTLETS-2.5-M-AKUSA	HUB USB 3.0 HUB-USB3-4-R-55-cm	HUB USB 3.0 HUB-USB3-4-F-50-cm	POWER DISTRIBUTION UNIT PC-BOMEFER-OUTLETS-1.5-M-MATLEAN	HDD MOBILE RACK ATE-HDD-TRAY-ALUTOOLS	HUB USB 3.0 BT215-7AB-EU-02-BIT-1-m	HUB USB 3.0 CT2013-1AB-EU-B0-BIT-1-m	HUB USB 3.0 FT5113-CR-BIT-1-m	HUB USB 3.0 H120BA	HUB USB 3.0 H120BB	HUB USB 3.0 MH4PU-50-BIT	HUB USB 3.0 PMPMA-U2-F12-BK-BP	USB SWITCH US-221A-RJ45	USB SWITCH + HUB USB-U4-A-2-A-15-cm	HUB USB 2.0 Y-2140-B0-cm	HUB USB 2.0 Y-2160-B0-cm	HDD ENCLOSURE 1-3038-UNITER	HUB USB 3.0 1-3089-30-cm	SENDICRD SD MEMORY CARD READER 1-8321-UNITER	POWER SUPPLY ADAPTER 12-230-MAXLAN	HDD ENCLOSURE 2SPM1-U3-BK-EF-00G5D	HDD ENCLOSURE MUSTOR MM.M.2 SATA MMCLAEN	HDD ENCLOSURE 3-3035-UNITER	EXTENDER VGA + USB CE-U59	WIRELESS REMOTE CONTROL 1-8000-KEYBOARD-KS-M-Mouse-2.4GHz-Blue
	87.91 EUR 87.91 EUR	47.83 EUR 47.83 EUR	8.80 EUR 8.80 EUR	210.08 EUR 210.08 EUR	246.24 EUR 246.24 EUR	100.21 EUR 100.21 EUR	76.15 EUR 76.15 EUR	175.64 EUR 175.64 EUR	16.08 EUR 16.08 EUR	28.70 EUR 28.70 EUR	1.72 EUR 1.72 EUR	7.93 EUR 7.93 EUR	8.90 EUR 8.90 EUR	14.19 EUR 14.19 EUR	6.14 EUR 6.14 EUR	9.84 EUR 9.84 EUR	13.54 EUR 13.54 EUR	19.13 EUR 19.13 EUR	28.02 EUR 28.02 EUR	36.38 EUR 36.38 EUR	14.01 EUR 14.01 EUR	5.13 EUR 5.13 EUR	5.13 EUR 5.13 EUR	18.38 EUR 18.38 EUR	7.00 EUR 7.00 EUR	15.66 EUR 15.66 EUR	24.23 EUR 24.23 EUR	6.62 EUR 6.62 EUR	5.02 EUR 5.02 EUR	12.32 EUR 12.32 EUR	13.16 EUR 13.16 EUR	13.58 EUR 13.58 EUR	10.91 EUR 10.91 EUR	7.44 EUR 7.44 EUR	4.19 EUR 4.19 EUR	31.49 EUR 31.49 EUR	147.92 EUR 147.92 EUR	10.90 EUR 10.90 EUR
Operating frequency																																					2.4 GHz
Adaptor type																																					-
Support																		AUTONE mobile recorders													Switching					
External connector											USB 2.0																						USB 3.1 - A plug					
Operation range																																					- 10 m
Rated voltage									230 V AC / 50 Hz	230 V AC / 50 Hz		230 V AC / 50 Hz	230 V AC / 50 Hz	230 V AC / 50 Hz			230 V AC / 50 Hz																				
Total maximal current									10 A	16 A		16 A	16 A	16 A			16 A																				
Power voltage																																	100 ... 240 V AC				
Maximal total load									2300 W	3680 W		2500 W	2500 W	2500 W			3680 W																				
Frequency range																															50/60 Hz						
Response time									< 25 ns			< 25 ns	< 25 ns	< 25 ns																							
Frequency band											2.4 GHz																										
Supported operating systems																															Windows XP/Vista/7/8/8.1/10 32/64bit; Linux, Mac OS 10.12 or newer						
Length of the cable															55 cm	55 cm			1 m	1 m	1 m	18 cm	18 cm	550 cm	15 cm	380 cm	2 x 115 cm	80 cm	80 cm		80 cm						
Supported hard drives																		1 x 2.5 "												1 x SATA III, 2.5 "				1 x SATA III, 2.5 " - 6 TB (max)	1 x M.2 SATA III - 2230 / 2260 / 2280 / 2280	1 x SATA III, 2.5 " / 3.5 "	
Transmission speed																																					
Supported operating systems											Windows XP/Vista/7/8/10, Linux																										
USB standard															3.0	3.0			5.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0		3.0						
Number of outlets									1 grounded outlets 16A/250V 2 non-grounded outlets 2.5A/50V	6 grounded outlets 16A/250V - CEE 7/3		3 grounded outlets 16A/250V	3 grounded outlets 16A/250V	5 grounded outlets 16A/250V 2 USB ports 2A/5V			2 x 5 grounded outlets 16A/250V, E type (CEE 7/5)																				
Supported HDMI resolutions				480p, 576i, 576p, 720p 1080i, 1080p, 4K x 2K, 4K UHD	480p, 576i, 576p, 720p 1080i, 1080p, 4K x 2K, 4K UHD	max. 1080p @ 60 Hz	max. 4K UHD @ 30 Hz	max. 4K UHD @ 60 Hz																													
Connectors	• Transmitter : 1 x USB-A 1 x RJ-45 shielded socket • Receiver : 4 x USB-A 1 x RJ-45 shielded socket	• USB • RJ45	• USB 1.1 • RJ45												• 1 x socket - USB 3.0 Micro B • 4 x socket - USB 3.0 A • 1 x Power socket - 1.35 / 5.50 mm	• 1 x socket - USB 3.0 Micro B • 7 x socket - USB 3.0 A • 1 x Power socket - 1.35 / 5.50 mm			• 1 x Socket - USB B 3.0 • 7 x socket - USB-A • 1 x Power socket - 5.5/2.1 socket	• 1 x Socket - USB B 3.0 • 13 x socket - USB-A • 1 x Power socket - 5.5/2.1 socket	• 1 x Socket - micro USB 3.0 • 7 x socket - USB-A • 1 x Power socket - micro USB	• 1 x plug - USB-A • 4 x socket - USB-A	• 1 x plug - USB-C • 4 x socket - USB-A	• 1 x plug - USB-A • 4 x socket - USB-A	• 1 x plug - USB-A • 4 x socket - USB-A	• 2 x socket USB 2.0 B - Computer interface • 1 x socket USB 2.0 A - Connecting to the device	• 2 x plug - USB 2.0 • 4 x socket - USB 2.0 • 1 x Power socket - mini USB	• 1 x plug - USB-A • 4 x socket - USB-A	• 1 x plug - USB-A • 7 x socket - USB-A		• 1 x plug - USB-A • 4 x socket - USB-A • 1 x Power socket - micro USB								
Automatic delayed fuse									10 A / 250 V	—		10 A / 250 V	10 A / 250 V	10 A / 250 V																							
Leak current									< 0.5 mA																												
Outputs																														1 x USB 3.1, max. 5 Gb/s				1 x USB 3.0 Micro B, max. 5 Gb/s	1 x USB 3.0 Micro B, max. 5 Gb/s	1 x USB 3.1, max. 5 Gb/s	
Fuse																	16 A / 250 V																				
Operation state indication																														LED diodes				LED diodes	LED diodes	LED diodes	
Supported memory cards																																SD (Secure Digital), microSD - SDHC, SDXC					
Output voltage																																	12 V, 15 V, 16 V, 18 V, 19 V, 20 V, 24 V DC					
Nominal voltage of surge suppressor									250 V / 50 Hz	275 V / 50 Hz		250 V / 50 Hz	250 V / 50 Hz	250 V / 50 Hz																							
Max. number of receivers working in the same time					253																																
Protection level of surge suppressor									≤ 1.3 kV (L/N)	< 1.5 kV (L/N)																											
Protocol					HDbaT																																
DC filter to eliminate interferences												RFI ≤ 10 dB	RFI ≤ 10 dB	RFI ≤ 10 dB																							
Wire gauge																	1 x 1.5 mm²																				
Range	• 150 m - USB 2.0 @ UTP cat. 6 • 100 m - USB 2.0 @ UTP cat. 5e	• 50 m - USB 2.0, • 100 m - USB 1.1	50 m																																		
Nominal stroke current									2 kA (L/N) - (8/20μs)	1.5 kA (L/N) - (8/20μs)																											
Maximal load																																	6.5 A @ 12, 15, 16, 18, 19 V 6 A @ 20, 24 V					
UTP category	5e / 6 / 6A / 7	5e / 6	5 / 5e / 6																150 J	150 J	150 J																
Maximum energy absorption																																					
Maximal transmission range				• 70 m UTP cat. 6 @ 4K UHD • 70 m UTP cat. 5, 5e @ 1080p • 50 m UTP cat. 5e @ 4K UHD (our tests result)	100 m UTP cat. 5e, 6 @ 4K UHD ,	• 70 m - UTP cat. 6, 6A, 7 @ 1080p • 60 m - UTP cat. 5e @ 1080p (our tests result)	• 40 m - UTP cat. 6, 6A, 7 @ 4K UHD • 70 m - UTP cat. 6, 6A, 7 @ 1080p	• 60 m - UTP cat. 6, 6A, 7 @ 4K UHD (manufacturer data) • 70 m - UTP cat. 5e @ 1080p (our tests result) • 20 m - UTP cat. 5e @ 4K UHD (our tests result) • 60 m - UTP cat. 6 @ 4K UHD (our tests result)																													
Maximum stroke current									6.5 kA (L/N) - (8/20μs)			6.5 kA	6.5 kA	6.5 kA																							
Color												Black	Black	Black			Black														White						Black
Current consumption																																					0.8 ... 16 mA (operation) • 8 mA (Standby mode)
Application																																	Recorders, cameras, notebooks, monitors, printers, scanners					
Switch									two-way, with light indication	with light indication		with light indication	with light indication	with light indication			2 pcs - illuminated, each for a section of 5 outlets																					
Output																																	10 pcs 6.50/4.40mm, 2 x 5.5/2.50mm, 5.5/2.1-20mm, 6.35/3.00mm, 2 x 8.00/1.70mm, 5.5/4.0-0mm, 7.40/5.00mm, 8.0/5.50mm					
Length of the cable									3.45 m	1.5 m		1.8 m	3.0 m	1.5 m			1.5 m																				

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Main features				• Extender also allows to extend an USB 2.0 port, eg. in order to control the recorder using the mouse	• Extender also allows to extend an USB 2.0 port, eg. in order to control the recorder using the mouse • Audio transmission via network	• Extender also allows to extend an USB 2.0 port, eg. in order to control the recorder using the mouse • Audio transmission via network (Stereo) • Transition of the HDMI signal in the transmitter • EDID support • Audio transmission via network (Stereo)	• Extender also allows to extend an USB 2.0 port, eg. in order to control the recorder using the mouse • Support KVM function. • HDMI 1.4 • 3D, 4K2K • HDR support. • Audio: DTS, DTS-HD, PCM, LPCM support • PoC support - only TX • Transition of the HDMI • ESD protection - IEC 61000-4-2, ± 6kV contact, ±8kV air	• Extender also allows to extend an USB 2.0 port, eg. in order to control the recorder using the mouse • Support KVM function. • HDMI 1.4 • 3D, 4K2K • HDR support. • Audio: DTS, DTS-HD, PCM, LPCM support • PoC support - only TX • Transition of the HDMI • ESD protection - IEC 61000-4-2, ± 6kV contact, ±8kV air																															
Device type																																					**Active / Transmitter** **Active / Receiver**
Manufacturer / Brand										LEGRAND	aGie	AKYGA	AKYGA	AKYGA			MACLEAN	AUTONE	ORICO	ORICO	ORICO	UNITEK	UNITEK	ORICO	ORICO	ATEN	ATEN	UNITEK	UNITEK	UNITEK	UNITEK	UNITEK		ORICO	MACLEAN	UNITEK	Blow
Housing	Metal							Plastic - non-flammable	Plastic			Plastic (ABS)	Plastic (ABS)	Plastic (ABS)			Plastic	Metal	Aluminum	Plastic				Aluminum + Plastic						Desktop, Plastic				Plastic	Plastic	Desktop, Plastic	Plastic
Number of channels																																					1 x VGA 2 x USB 1 x VGA 2 x USB
Video transmission range																																					max. 150 m max. 100 m
Power supply	5 V DC / 1 A (power adapter included) - Receiver				• Transmitter 5 V DC / 2 A (power adapter included) • Receiver 5 V / 2 A (power adapter included)	• Transmitter 5 V DC / 1 A (power adapter included) • Receiver 5 V / 1 A (power adapter included)	5 V DC / 1 A (included)	5 V DC / 2 A (power adapter included)	5 V DC / 1 A - 2 pcs (included)		2 x 1.5V, type AAA/LR03 battery (not included)								12 V DC / 2 A (included)	12 V DC / 5 A (included)	5 V DC / 3 A (power adapter not included)						5 V DC / 2 A (power adapter not included)			5 V DC - from USB port		5 V DC - from USB port	12 V DC / 2 A (power adapter included)	5 V / 1000 mA 5 V USB	• built-in battery • Charging via micro USB port
Operation temp	-20 °C ... 60 °C				-20 °C ... 60 °C	-20 °C ... 60 °C	-20 °C ... 60 °C	-20 °C ... 60 °C	-20 °C ... 60 °C			-5 °C ... 50 °C	-5 °C ... 50 °C	-5 °C ... 50 °C																						
Permissible relative humidity					0 % ... 90 % (non-condensing)	0 % ... 90 % (non-condensing)	0 % ... 90 % (non-condensing)	0 % ... 90 % (non-condensing)	0 % ... 90 % (non-condensing)																											
Connectors type																																					1 x VGA Socket HDB-15 2 x USB Socket 1 x VGA Plug HDB-15 1 x USB-B Socket
Symmetrical socket type																																					RJ-45 (8-pin, 4 pairs) Socket RJ-45 (8-pin, 4 pairs) Socket
Weight	0.12 kg	0.05 kg (total)	0.05 kg (total)	0.29 kg	0.31 kg	0.12 kg	• 0.12 kg - Transmitter • 0.12 kg - Receiver	0.12 kg	0.44 kg	0.59 kg	0.06 kg	0.306 kg	0.372 kg	0.318 kg	0.044 kg	0.050 kg	0.968 kg	0.068 kg	0.186 kg	0.191 kg	0.050 kg	0.03 kg	0.03 kg	0.09 kg	0.035 kg	0.05 kg	0.14 kg	0.03 kg	0.04 kg	0.08 kg	0.050 kg	0.02 kg	0.27 kg	0.06 kg	0.05 kg	0.2 kg	0.170 kg 0.170 kg
Dimensions	77 x 61 x 21 mm	61 x 30 x 20 mm	54 x 32 x 22 mm	150 x 107 x 28 mm - Transmitter or receiver dimensions	133 x 90 x 26 mm - Transmitter or receiver dimensions	85 x 75 x 20 mm - Transmitter or receiver dimensions	77 x 60 x 20 mm - Transmitter or receiver dimensions	85 x 75 x 20 mm - Transmitter or receiver dimensions	270 x 65 x 44 mm	423 x 66 x 100 mm	• Mouse : 116 x 74 x 39 mm. • Receiver : 14 x 6 x 19 mm	305 x 50 x 40 mm	305 x 50 x 40 mm	305 x 50 x 40 mm	105 x 36 x 25 mm	165 x 36 x 25 mm	738 x 70 x 45 mm	113 x 91 x 15 mm	145 x 58 x 28 mm	235 x 62 x 28 mm	135 x 35 x 19 mm	88 x 17 x 9 mm	88 x 17 x 9 mm	89 x 46 x 23 mm	98 x 34 x 13 mm	72 x 66 x 25 mm	83 x 77 x 25 mm	65 x 23 x 19 mm	103 x 23 x 20 mm	131 x 83 x 35 mm	95 x 31 x 21 mm	38 x 35 x 11 mm 12 m (cable length)		130 x 80 x 14 mm	118 x 40 x 9 mm	183 x 117 x 35 mm	95 x 56 x 25 mm 91 x 56 x 25 mm	0.053 kg • 151 x 45 x 14 mm • 0.5 m (cable length)
Main features	• USB 2.0 - High-Speed (480 Mb/s) (compatible with older) • Supports 4 USB 2.0 inputs and 1 USB 2.0 output • The transmitter is powered from the source device - no additional power supply is needed • The device supports a cascade of gigabit switches, which allows to increase the transmission distance • Signal regeneration, surge protection, ESD protection • Easy installation - Plug&Play USB device type			• Very good image quality with no visible distortions caused by compression • No delays in mouse control operations • Transition of the HDMI signal in the transmitter • SPDIF output	• The devices do not require direct connection, they also can be placed in a remote place • The need for a separate power supply for the transmitter and receiver	• Very good image quality with no visible distortions caused by compression, • No delays in video transmission, • No delays in mouse control operations • Designed to continuous operation 24/7	• Very good image quality with no visible distortions caused by compression, • No delays in video transmission, • No delays in mouse control operations • Designed to continuous operation 24/7 • USB-A / USB-A cable included	• Very good image quality with no visible distortions caused by compression, • No delays in video transmission, • No delays in mouse control operations • Designed to continuous operation 24/7		• Mounting brackets for screwing the device to a flat surface or mounting with adhesive tape • The body of the device rotates in the range of 180° relative to the mounting bracket • Ports protected with a protection shutter • LED indication - Power supply, Overvoltage protection	• Number of buttons : 6 • Range : 10 m • Auto-transmit • Automatic sleep mode • Plug & Play • The ergonomic shape			• Solid workmanship • 8 can be used as a charger for multiple devices when connected to an external power source via the 5.50 / 2.1 Micro B plug • LED indication • The cable included in the kit: USB 3.0 A plug / USB 3.0 Micro B plug • Each socket has a separate switch	• Solid workmanship • 8 can be used as a charger for multiple devices when connected to an external power source via the 5.50 / 2.1 Micro B plug • LED indication • The cable included in the kit: USB 3.0 A plug / USB 3.0 Micro B plug • Each socket has a separate switch			• Solid workmanship • LED indication • Each socket has a separate switch	• Solid workmanship • LED indication • Each socket has a separate switch	• Solid workmanship • 8 can be used as a charger for multiple devices when connected to an external power source via the micro USB socket • LED indication • Transparent housing	Solid workmanship	Solid workmanship	• Solid workmanship • Can be mounted on the edge of a tabletop or monitor frame using an integrated screw clamp		• LED indication • Support for platforms: Windows, Linux, Mac, Sun • Overload protection • USB A / USB B cable included - 1.8 m	• LED indication • Support for platforms: Windows, Linux, Mac, Sun • Overload protection				• Solid workmanship • It can be used as a charger for multiple devices when connected to an external power source via the micro USB socket • Overload protection • Short-circuit protection • Overvoltage protection	• 1 x SD socket • 1 x microSD socket • Reading 2 memory cards simultaneously • Plug & Play						• Real-time DDC-compatible support • Built-in ESD protection 8 kV • Manual compensation adjustment • Possibility to mount to the wall	• Air Mouse function - The built-in gravity sensor allows to control the position of the cursor on the device screen by holding the remote control and making movements in the air - this function does not require any flat surface • Backlit full keyboard in QWERTY standard • Remote control - Basic functions (power switch, volume control, menu operation, channel selection, turning on and off the connected device • Ultra-compact design • Illuminated buttons • Plug & Play • Compatible with Windows, Mac OS, Linux, Android devices • Cooperation with DAHUA, HIKVISION recorders • USB cable included
Resolution											1200 / 1600 / 1800 dpi																										• 1920 x 1080 / 60 Hz @ 50 m • 1920 x 1200 / 60 Hz @ 50 m • 1280 x 1024 / 60 Hz @ 100 m
Guarantee	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	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

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