	IP CAMERA TC-C320N SPEC-I3E/F/Z/4.8MM - 1080p 2.8 mm TIANDY	IP CAMERA TC-C32KN SPEC-I3A/E/Z/2.8-12MM/V4.0 - 1080p 2.8 - 12 mm TIANDY	IP CAMERA TC-C32KN SPEC-I3/VM/EF/Z-8MM/V4.1 Wi-Fi - 1080p 2.8 mm TIANDY	IP VANDALPROOF CAMERA TC-C32QS SPEC-I3A/E/Y/M/S/H/2.7-13.5MM/V4.0 - 1080p 2.7 - 13.5 mm - MOTOZOOM TIANDY	IP CAMERA TC-C32PS SPEC-I3/E/Y/M/H/2.8MM/V4.0 - 1080p 2.8 mm TIANDY	IP CAMERA TC-C32QS SPEC-I3A/E/Y/M/S/H/2.7-13.5MM/V4.0 - 1080p 2.7 - 13.5 mm - MOTOZOOM TIANDY	IP CAMERA TC-C34KN SPEC-I3/E/Y/Z/2.8-12MM/V4.0 - 4 MPx 2.8 - 12 mm TIANDY	IP CAMERA TC-C34KN SPEC-I3/E/Y/Z/2.8MM/V4.0 - 3.7 MPx 2.8 TIANDY	IP CAMERA TC-C34KN SPEC-I3W/E/Y/Z/2.8MM/V4.0 - 4 MPx 2.8 mm TIANDY	IP CAMERA TC-C34XP SPEC-W/E/Y/Z/2.8MM/V4.0 Color Maker - 4 MPx 2.8 mm TIANDY	IP VANDALPROOF CAMERA TC-C35KS SPEC-I3E/Y/Z/2.8MM/V4.0 - 5 MPx 2.8 mm TIANDY	IP VANDALPROOF CAMERA TC-C35KS SPEC-I3E/Y/M/H/2.8MM/V4.0 - 5 MPx 2.8 mm TIANDY	IP VANDALPROOF CAMERA TC-C35KS SPEC-I3E/Y/M/S/H/2.8MM/V4.0 - 5 MPx 2.8 mm TIANDY	IP VANDALPROOF CAMERA TC-C35MS SPEC-I3A/E/Y/M/S/H/2.7-13.5MM/V4.0 - 5 Mpx 2.7 - 13.5 mm TIANDY	IP VANDALPROOF CAMERA TC-C35MS SPEC-I3A/E/Y/M/S/H/2.7-13.5MM/V4.0 - 5 Mpx 2.7 - 13.5 mm TIANDY	IP CAMERA TC-C35PS SPEC-I3/E/Y/M/H/2.8MM/V4.0 - 5 Mpx 2.8 mm TIANDY	IP CAMERA TC-C35SS SPEC-I3A/E/Y/M/S/H/2.7-13.5MM/V4.0 - 5 Mpx 2.7 - 13.5 mm TIANDY	IP CAMERA TC-C35XQ SPEC-I3W/E/Y/Z/2.8MM/V4.2 - 5 Mpx 2.8 mm TIANDY	IP CAMERA TC-C35XS SPEC-I3/E/Y/Z/2.8MM/V4.0 - 5 Mpx 2.8 mm TIANDY	IP CAMERA TC-C35XS SPEC-I3/E/Y/M/H/2.8MM/V4.0 - 5 Mpx 2.8 mm TIANDY	IP CAMERA TC-C35XS SPEC-I3/E/Y/M/S/H/2.8MM/V4.0 - 5 Mpx 2.8 mm TIANDY	IP VANDALPROOF CAMERA TC-C38KS SPEC-I3E/Y/Z/2.8MM/V4.0 - 8 Mpx 2.8 mm TIANDY	IP CAMERA TC-C38SS SPEC-I3A/E/Y/M/S/2.7-13.5MM/V4.0 - 8 Mpx 2.7 - MOTOZOOM TIANDY	IP CAMERA TC-C38NQ SPEC-I3W/E/Y/Z/2.8MM/V4.2 - 8 Mpx 4K UHD 2.8 mm TIANDY	IP CAMERA TC-C38XS SPEC-I3/E/Y/M/Z/2.8MM/V4.0 - 8 Mpx 2.8 mm TIANDY	IP CAMERA TC-C38XS SPEC-I3/E/Y/M/S/2.8MM/V4.0 - 8 Mpx 2.8 mm TIANDY
	46.63 EUR 46.63 EUR	159.38 EUR 159.38 EUR	148.56 EUR 148.56 EUR	255.05 EUR 255.05 EUR	201.92 EUR 201.92 EUR	255.05 EUR 255.05 EUR	191.11 EUR 191.11 EUR	79.57 EUR 79.57 EUR	103.61 EUR 103.61 EUR	191.11 EUR 191.11 EUR	169.95 EUR 169.95 EUR	286.78 EUR 286.78 EUR	238.94 EUR 238.94 EUR	276.20 EUR 276.20 EUR	425.00 EUR 425.00 EUR	238.94 EUR 238.94 EUR	276.20 EUR 276.20 EUR	255.05 EUR 255.05 EUR	169.95 EUR 169.95 EUR	286.78 EUR 286.78 EUR	238.94 EUR 238.94 EUR	292.07 EUR 292.07 EUR	584.38 EUR 584.38 EUR	297.36 EUR 297.36 EUR	292.07 EUR 292.07 EUR	361.30 EUR 361.30 EUR
Standard	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
Resolution	1920 x 1080 - 1080p , 1280 x 720 - 720p	1920 x 1080 - 1080p , 1280 x 720 - 720p	1920 x 1080 - 1080p , 1280 x 720 - 720p	1920 x 1080 - 1080p , 1280 x 720 - 720p	1920 x 1080 - 1080p , 1280 x 720 - 720p	1920 x 1080 - 1080p , 1280 x 720 - 720p	2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2592 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2592 x 1944 - 5 Mpx , 2592 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2592 x 1944 - 5 Mpx , 2592 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	2880 x 1620 - 5 Mpx , 2688 x 1520 - 4 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	3840 x 2160 - 8 Mpx , 3072 x 2048 - 6 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	3840 x 2160 - 8 Mpx , 3072 x 2048 - 6 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	3840 x 2160 - 8 Mpx , 3072 x 2048 - 6 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	3840 x 2160 - 8 Mpx 4K UHD , 3072 x 2048 - 6 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	3840 x 2160 - 8 Mpx , 3072 x 2048 - 6 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p	3840 x 2160 - 8 Mpx , 3072 x 2048 - 6 Mpx , 2560 x 1440 - 3.7 Mpx , 2304 x 1296 - 3 Mpx , 1920 x 1080 - 1080p , 1280 x 720 - 720p
Sensor	1/3 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.9 " Progressive Scan CMOS	1/3 " Progressive Scan CMOS	1/2.9 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.7 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS	1/2.8 " Progressive Scan CMOS
Lens	2.8 mm	2.8 ... 12 mm - Motozoom	2.8 mm	2.7 ... 13.5 mm - Motozoom	2.8 mm	2.7 ... 13.5 mm - Motozoom	2.8 ... 12 mm - Motozoom	2.8	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.7 ... 13.5 mm - Motozoom	2.7 ... 13.5 mm - Motozoom	2.8 mm	2.7 ... 13.5 mm - Motozoom	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.7 ... 13.5 mm - Motozoom	2.8 mm	2.8 mm	2.8 mm
White light LED illuminator range									15 m	15 m									15 m					15 m		
View angle	• 100 ° (manufacturer data) • 93 ° (our tests result)	• 108 ° ... 31 ° (manufacturer data) • 98 ° ... 30 ° (our tests result)	98 °	96 ° ... 31 °	101 °	96 ° ... 31 °	• 104 ° ... 30 ° (manufacturer data) • 97 ° ... 29 ° (our tests result)	92 °	100 °	• 100 ° (manufacturer data) • 91 ° (our tests result)	94 °	104 °	104 °	98 ° ... 32 °	98 ° ... 32 °	104 °	• 98 ° ... 32 ° (manufacturer data) • 106 ° ... 32 ° (our tests result)	104 °	94 °	104 °	104 °	• 105 ° (manufacturer data) • 100 ° (our tests result)	106 ° ... 31 °	105 °	105 °	105 °
Range of IR illumination	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	30 m	50 m	30 m	30 m	30 m
Image compression method	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264	H.265 / H.265 / H.264
Alarm inputs / outputs	— / —	— / —	— / —	1 / 1	1 / 1	— / —	— / —	— / —	— / —	— / —	— / —	— / —	1 / 1	1 / 1	2 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	— / —	— / —	2 / 1	1 / 1	— / —	— / —
Main stream frame rate	25 fps @ 2 Mpx	25 fps @ 1080p	25 fps @ 1080p	25 fps @ 1080p	25 fps @ 1080p	max. 25 fps - 2.1 Mpx	25 fps @ 4 Mpx	25 fps @ 4 Mpx	25 fps @ 4 Mpx	25 fps @ 4 Mpx	• 20 fps @ 5 Mpx • 25 fps @ 4 Mpx	• 25 fps @ 5 Mpx • 50 fps @ 2 Mpx	25 fps @ 5 Mpx 50 fps @ 2 Mpx	• 25 fps - 5 Mpx • 50 fps - 2 Mpx	25 fps - 5 Mpx 50 fps - 2 Mpx	• 25 fps @ 5 Mpx • 50 fps @ 2 Mpx	25 fps @ 5 Mpx 50 fps @ 2 Mpx	• 25 fps @ 5 Mpx • 50 fps @ 2 Mpx	• 25 fps @ 5 Mpx • 50 fps @ 2 Mpx	• 25 fps @ 5 Mpx 50 fps @ 2 Mpx	• 25 fps @ 5 Mpx • 50 fps @ 2 Mpx	• 20 fps @ 8 Mpx • 25 fps @ 3.7 Mpx	25 fps @ 8 Mpx	• 20 fps @ 8 Mpx • 25 fps @ 3.7 Mpx	• 20 fps @ 8 Mpx • 25 fps @ 3.7 Mpx	• 20 fps @ 8 Mpx • 25 fps @ 3.7 Mpx
Network interface						10/100 Base-T (RJ-45)	10/100 Base-TX (RJ-45)		10/100 Base-TX (RJ-45)				10/100 Base-TX (RJ-45)				10/100 Base-T (RJ-45)					10/100 Base-TX (RJ-45)	10/100 Base-TX (RJ-45)				
Interface	10/100 Base-TX (RJ-45)	10/100 Base-TX (RJ-45)	• Wi-Fi - 2.4 GHz IEEE 802.11 b/g/n, • 10/100 Base-T (RJ-45)		10/100 Base-T (RJ-45)			10/100 Base-TX (RJ-45)		10/100 Base-TX (RJ-45)				10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)	10/100 Base-T (RJ-45)		10/100 Base-T (RJ-45)	10/100 Base-TX (RJ-45)	10/100 Base-TX (RJ-45)				10/100 Base-T (RJ-45)	10/100 Base-TX (RJ-45)	10/100 Base-TX (RJ-45)
Audio	• Microphone built-in • Audio transmission via network	• Microphone built-in • Audio transmission via network	• Microphone built-in • Audio transmission via network	• External microphone input, • Audio output	• Microphone built-in • External microphone input • Audio output • Bi-directional audio streaming support • Audio detection	• Microphone built-in • External microphone input • Audio output • Bi-directional audio streaming support • Audio transmission via network • Compliance with the AAC standard	• Microphone built-in • Audio transmission via network	• Microphone built-in • Audio transmission via network	• Microphone built-in • Audio transmission via network	• Microphone built-in • Audio transmission via network	• Microphone built-in • Audio transmission via network	• Microphone built-in, • Audio input • Audio output • Bi-directional audio streaming support • Audio transmission via network	• Microphone built-in • Audio input • Audio output • Bi-directional audio streaming support • Audio transmission via network • Compliance with the AAC standard	• Microphone built-in, • External microphone input • Audio output • Bi-directional audio streaming support • Audio transmission via network • Compliance with the AAC standard	• Microphone built-in, • Audio input • Audio output • Bi-directional audio streaming support • Audio detection • Compliance with the AAC standard	• Microphone built-in, • External microphone input • Audio output • Bi-directional audio streaming support • Audio detection • Compliance with the AAC standard	• Microphone built-in, • External microphone input • Audio output • Bi-directional audio streaming support • Audio transmission via network • Compliance with the AAC standard	• Microphone built-in, • Audio input • Audio output • Bi-directional audio streaming support • Audio detection • Compliance with the AAC standard	• Microphone built-in, • Audio input • Audio output • Bi-directional audio streaming support • Audio detection • Compliance with the AAC standard	• Microphone built-in, • Audio input • Audio output • Bi-directional audio streaming support • Audio detection • Compliance with the AAC standard	• Microphone built-in • Audio transmission via network • Compliance with the AAC standard	• Microphone built-in • Audio input • Audio output • Microphone built-in • Audio transmission via network • Compliance with the AAC standard	• Microphone built-in • Speaker built-in • Audio input • Audio output • Bi-directional audio streaming support	• Microphone built-in • Audio detection • Compliance with the AAC standard	• Microphone built-in • Audio input • Audio output • Audio detection • Compliance with the AAC standard
WEB Server	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in
Max. number of on-line users	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ONVIF	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Memory card slot	—	Micro SD memory cards up to 512GB support (possible local recording)	Micro SD memory cards up to 512GB support (possible local recording)	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD card support up to 512GB	—	—	Micro SD card support up to 512GB	Micro SD memory cards up to 512GB support (possible local recording)	—	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD memory cards up to 512GB support (possible local recording)	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD card support up to 512GB	Micro SD memory cards up to 512GB support (possible local recording)
PC access port														3000, 3001										3000, 3001			
Mobile phones support	—	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port: 3000 lub Access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus	Port no.: 3000 or access by a cloud (P2P) • Android: Free application EasyLive Plus • iOS (iPhone): Free application EasyLive Plus
Access from PC	—	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port: 3000 lub Access by a cloud (P2P) • PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express	Port no.: 3000 or access by a cloud (P2P) - PC: Free application Easy7 Smart Client Express
Default IP address	DHCP or 192.168.1.2	DHCP or 192.168.1.2	DHCP or 192.168.1.2	192.168.1.2	192.168.1.2	192.168.1.2	DHCP or 192.168.1.2	DHCP or 192.168.1.2	DHCP or 192.168.1.2	DHCP or 192.168.1.2	DHCP or 192.168.1.2	DHCP or 192.168.1.2	DHCP or 192.168.1.2	192.168.1.2	192.168.1.2	DHCP or 192.168.1.2	192.168.1.2	192.168.1.2	192.168.1.2	192.168.1.2	192.168.1.2	192.168.1.2	192.168.1.2	192.168.1.2	192.168.1.2	192.168.1.2	DHCP or 192.168.1.2
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	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	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	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	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	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	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	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001,3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002	80, 443, 3000, 3001, 3002, 23002
Mobile client access ports		3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001
PC client access ports		3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001			3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001	3000, 3001		3000, 3001	3000, 3001	3000, 3001
Intelligent image analysis	—			• classification of people and vehicles • crossing the line (tripwire) • intrusion • video tampering • face detection	• crossing the line (tripwire) • classification of people and vehicles • intrusion - classification of people and vehicles	• classification of people and vehicles • video tampering • crossing the line (tripwire) • intrusion • Audio detection • face detection	• crossing the line (tripwire) • intrusion		• crossing the line (tripwire) • intrusion	• crossing the line (tripwire) • intrusion	• crossing the line (tripwire) • intrusion	• classification of people and vehicles • crossing the line (tripwire) • abandoned/missing object • illegal parking • people counting • heat map • detection of loitering in a given area • running • protective helmet detection • detection of persons on duty • video tampering	• classification of people and vehicles • crossing the line (tripwire) • intrusion • Audio detection • face detection	• classification of people and vehicles • video tampering • crossing the line (tripwire) • intrusion • Audio detection • face detection	• classification of people and vehicles • face detection • video tampering • crossing the line (tripwire) • intrusion	• classification of people and vehicles • crossing the line (tripwire) • intrusion • face detection • video tampering	• classification of people and vehicles • crossing the line (tripwire) • intrusion • face detection	• classification of people and vehicles • crossing the line (tripwire) • intrusion • face detection • video tampering	• classification of people and vehicles • crossing the line (tripwire) • intrusion • classification of people and vehicles	• classification of people and vehicles • crossing the line (tripwire) • intrusion • face detection • video tampering	• classification of people and vehicles • video tampering • detection of persons on duty • protective helmet detection • detection of people gathering • people counting • illegal parking • running • detection of loitering in a given area • heat map • abandoned/missing object • double crossing the line (tripwire) • crossing the line (tripwire)
Port ONVIF	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Protections											• Overvoltage protection : 2 kV • Protection against lightning discharges : 6 kV																• Overvoltage protection : 2 kV • Protection against lightning discharges : 6 kV

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Main features	• D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Possibility to change the resolution, quality and bit rate • Privacy zones • Motion Detection	• WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Possibility to change the resolution, quality and bit rate • Privacy zones • Motion Detection • Privacy zones	• Wi-Fi Module, Range : 50 m • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • BLC/HLC - Back Light / High Light Compensation • Possibility to change the resolution, quality and bit rate • Privacy zones - max. 4 • Motion Detection • Sharpness - sharper image outlines	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • ICR - Movable Infrared filter • Day/Night mode - configurable • Motion Detection • Sharpness - sharper image outlines	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • ROI - improve the quality of selected parts of image • F-DNR (Defog) - Reduction of image noise caused by precipitation • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • BLC/HLC - Back Light / High Light Compensation • NAS - Network Attached Storage support • Possibility to change the resolution, quality and bit rate • Motion Detection • Configurable Privacy Zones • ICR - Movable Infrared filter • Mirror - Mirror image	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • Possibility to change the resolution, quality and bit rate • Motion Detection • Privacy zones • Mirror - Mirror image • Sharpness - sharper image outlines	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Possibility to change the resolution, quality and bit rate • Motion Detection	• D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Possibility to change the resolution, quality and bit rate • Privacy zones • Motion Detection	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Possibility to change the resolution, quality and bit rate • Privacy zones	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Privacy zones	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Possibility to change the resolution, quality and bit rate • Privacy zones • Audio detection	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • Possibility to change the resolution, quality and bit rate • ICR - Movable Infrared filter • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • Day/Night mode - configurable • Motion Detection • Privacy zones • Sharpness - sharper image outlines	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • NAS - Network Attached Storage support • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode - configurable • Motion Detection • Privacy zones • Mirror - Mirror image • Sharpness - sharper image outlines	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • BLC - Back Light Compensation • HLC - High Light Compensation (spot) • Possibility to change the resolution, quality and bit rate • Motion Detection • Privacy zones • Mirror - Mirror image • Sharpness - sharper image outlines • Audio detection	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • Corridor mode • AGC - Automatic Gain Control • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Corridor mode • Privacy zones • Motion Detection • Sharpness - sharper image outlines • Early Warning (EW) - combination of white light warning with audio signals	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • Corridor mode • AGC - Automatic Gain Control • NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Corridor mode • Privacy zones • Motion Detection	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • Corridor mode • AGC - Automatic Gain Control • NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Corridor mode • Privacy zones • Motion Detection	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • Corridor mode • AGC - Automatic Gain Control • NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Possibility to change the resolution, quality and bit rate • Early Warning (EW) - combination of white light warning with audio signals	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • Corridor mode • AGC - Automatic Gain Control • NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Possibility to change the resolution, quality and bit rate	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - 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Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Possibility to change the resolution, quality and bit rate	• WDR - 120 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ROI - improve the quality of selected parts of image • Corridor mode • AGC - Automatic Gain Control • NAS - Network Attached Storage support - allows to connect memory resources directly to the computer network • ANR - Automatic Network Replenishment allows to save image to the card when the network connection with DVR is break (network failure) and next synchronize its • BLC/HLC - Back Light / High Light Compensation • ICR - Movable Infrared filter • Day/Night mode • Possibility to change the resolution, quality and bit rate
Power supply	PoE (802.3af)	• PoE (802.3af) • 12 V DC / 630 mA	12 V DC	• PoE (802.3af) • 12 V DC / 660 mA	• PoE (802.3af) • 12 V DC / 660 mA	• PoE (802.3af) • 12 V DC / 630 mA	• PoE (802.3af) • 12 V DC / 630 mA	• PoE (802.3af)	• PoE (802.3af) • 12 V / 590 mA	• PoE (802.3af) • 12 V DC / 590 mA	• PoE (802.3af) • 12 V DC / 590 mA	• PoE (802.3af) • 12 V DC / 590 mA	• PoE (802.3af) • 12 V DC / 625 mA	• PoE (802.3af) • 12 V DC / 750 mA	• PoE (802.3af) • 12 V DC / 750 mA	• PoE (802.3af) • 12 V DC / 750 mA	• PoE (802.3af) • 12 V DC / 541 mA • ≤ 6.5 W @ 12 V DC • ≤ 8 W @ PoE	• PoE (802.3af) • 12 V DC / 660 mA	• PoE (802.3af) • 12 V DC / 670 mA	• PoE (802.3af) • 12 V DC / 666 mA	• PoE (802.3af) • 12 V DC / 670 mA	• PoE (802.3af) • 12 V DC / 670 mA	• PoE (802.3af) • 12 V DC / 590 mA	• PoE (802.3af) • 12 V DC / 750 mA	• PoE (802.3af) • 12 V DC / 583 mA	• PoE (802.3af) • 12 V DC / 670 mA	• PoE (802.3af) • 12 V DC / 670 mA
Power consumption	≤ 6 W	≤ 7 W	≤ 6 W	≤ 8 W	≤ 8.5 W	≤ 7 W	≤ 6 W	≤ 7 W	≤ 7 W	≤ 7 W	≤ 7 W	≤ 7 W	≤ 7.5 W	≤ 9 W	≤ 9 W	≤ 9 W	≤ 6.5 W @ 12 V DC ≤ 8 W @ PoE	≤ 8.5 W	≤ 8 W	≤ 7 W	≤ 8 W	≤ 8 W	≤ 7.5 W	≤ 9 W	≤ 8.5 W	≤ 8.5 W	≤ 8 W
Vandal-proof		—							—									—									—
IK rating																											
Housing	Dome - Metal + Plastic	Dome - Plastic	Dome, Metal + Plastic	Dome - Metal	Dome, Metal	Dome - Metal	Dome - Plastic	Dome - Plastic	Dome - Metal + Plastic	Dome - Metal + Plastic	Dome - Metal + Plastic	Dome - Metal	Dome - Metal	Dome - Metal	Dome - Metal	Dome, Metal	Dome - Metal	Dome - Metal	Dome - Metal + Plastic	Dome - Metal	Dome - Metal	Dome - Metal + Plastic	Dome - Metal	Dome - Metal	Dome - Metal	Dome - Metal
Color	White	White	White	White	White	White	White	White	White + Black	White	White	White	White	White	White	White	White	White	White	White	White	White	White	White + Black	White	White	White
"Index of Protection"	—	IP66	IP66	IP66	IP66	IP66	IP66	—	—	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP67	IP66	IP66	IP66	IP66	IP66
Mechanical protection class	—	—	IK10	IK10	—	—	—	—	—	—	IK10	IK10	IK10	IK10	IK10	—	—	—	—	—	—	—	IK10	—	—	—	—
Operation temp	-30 °C ... 65 °C	-30 °C ... 60 °C	-40 °C ... 65 °C	-35 °C ... 65 °C	-40 °C ... 65 °C	-35 °C ... 65 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-40 °C ... 65 °C	-40 °C ... 65 °C	-40 °C ... 65 °C	-40 °C ... 65 °C	-35 °C ... 65 °C	-35 °C ... 65 °C	-35 °C ... 65 °C	-40 °C ... 65 °C	-35 °C ... 65 °C	-40 °C ... 65 °C	-40 °C ... 65 °C	-40 °C ... 65 °C	-40 °C ... 65 °C	-40 °C ... 65 °C	-35 °C ... 65 °C	-40 °C ... 65 °C	-40 °C ... 65 °C	-40 °C ... 65 °C
Weight	0.23 kg	0.4 kg	0.39 kg	0.84 kg	0.39 kg	0.68 kg	0.4 kg	0.23 kg	0.26 kg	0.33 kg	0.4 kg	0.49 kg	0.49 kg	0.86 kg	0.86 kg	0.39 kg	0.67 kg	0.52 kg	0.5 kg	0.5 kg	0.51 kg	0.4 kg	0.69 kg	0.53 kg	0.49 kg	0.51 kg	
Dimensions	Ø 117 x 96 mm	Ø 120 x 96 mm	Ø 120 x 90 mm	Ø 143 x 123 mm	Ø 110 x 60 mm	Ø 132 x 108 mm	Ø 120 x 96 mm	Ø 117 x 96 mm	Ø 117 x 96 mm	Ø 117 x 96 mm	Ø 120 x 90 mm	Ø 120 x 90 mm	Ø 120 x 90 mm	Ø 143 x 124 mm	Ø 143 x 124 mm	Ø 110 x 60 mm	Ø 132 x 99 mm	Ø 117 x 96 mm	Ø 117 x 86 mm	Ø 117 x 86 mm	Ø 117 x 86 mm	Ø 120 x 90 mm	Ø 132 x 108 mm	Ø 117 x 96 mm	Ø 117 x 96 mm	Ø 117 x 96 mm	
Supported languages	English	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Italian, Vietnamese	Polish, English, Albanian, Spanish, Korean, Italian, Turkish, Russian, Thai, French, Dutch, Hebrew, Arabic, Vietnamese, German, Ukrainian, Portuguese	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Russian, Portuguese, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, Russian, French, Dutch, Hebrew, German, Portuguese, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Arabic, French, Spanish, Portuguese, Russian, Thai, Turkish, Vietnamese, Italian	Polish, English, Albanian, Arabic, Hebrew, Spanish, Dutch, Korean, French, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian	Polish, English, Albanian, Arabic, Spanish, Korean, French, Dutch, Hebrew, German, Portuguese, Russian, Thai, Turkish, Ukrainian, Vietnamese, Italian
Manufacturer / Brand	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY	TIANDY
Guarantee	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years

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