

	CODE LOCK DS- K17805MBFWX Hikvision	CODE LOCK DS- K17805MRWX Hikvision	CODE LOCK DS-K17805MX Hikvision	ACCESS CONTROLLER AS1121D-D DAHUA	ACCESS CONTROLLER + RFID DS-K17502DBFWX Hikvision	ACCESS CONTROLLER + RFID DS-K17502DBFWX-C Hikvision	ACCESS CONTROLLER + RFID DS-K17502BRWX Hikvision	ACCESS CONTROLLER DS- K17502BRWX-C Hikvision	ACCESS CONTROLLER DS- K17804BMF Hikvision	ACCESS CONTROLLER PR302 ROGER	ACCESS CONTROLLER PR311SE-G ROGER	ACCESS CONTROLLER PR312EM-G ROGER	ACCESS CONTROLLER PR612 ROGER
													
Fingerprint reader built-in	223.71 EUR	203.85 EUR	169.88 EUR	364.40 EUR	505.56 EUR	563.94 EUR	330.42 EUR	447.18 EUR	195.96 EUR	130.40 EUR	112.46 EUR	131.59 EUR	130.40 EUR
Relay contacts load	✓	—	—	—	✓	✓	—	—	—	1.5 A / 30 V	—	1.5 A / 30 V	1.5 A / 30 V
RS-485 interface	—	—	—	—	—	—	—	—	—	—	—	—	—
Cards support	13.56 MHz S50	13.56 MHz S50	13.56 MHz S50	Unique EM 125kHz	13.56 MHz S50	13.56 MHz S50	13.56 MHz S50	13.56 MHz S50	13.56 MHz S50	Unique EM 125kHz	Unique EM 125kHz	Unique EM 125kHz	—
Battery backup support	—	—	—	—	—	—	—	—	—	—	—	—	—
Reading distance of prox- keys	0 ... 4 cm	0 ... 4 cm	0 ... 4 cm	max. 8 cm	max. 3 cm	max. 3 cm	max. 3 cm	max. 3 cm	0 ... 4.5 cm	max. 12 cm	max. 15 cm	max. 15 cm	—
Identification time	—	—	—	< 1.5 s	—	—	—	—	≤ 1 s	—	—	—	—
FAR (False Acceptance Rate)	—	—	—	< 0.00004 %	—	—	—	—	—	—	—	—	—
Keyboard built-in	✓	✓	✓	Touch control keys	✓	✓	✓	✓	✓	✓	✓	✓	—
Input lines	—	—	—	3	2	2	2	2	—	3 NO/NC	—	3 pcs NO/NC	3
FRR (False Rejection Rate)	—	—	—	< 0.15 %	—	—	—	—	—	—	—	—	—
Autonomous operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—
Output lines	—	—	—	3	1	1	1	1	—	3	—	3 pcs	3
Communication	• Wiegand 34/26, • RS-485, • Port Ethernet 10/100 Mb/s • RJ-45, • Wi-Fi module : 2.4 GHz- IEEE 802.11 b/g/n/d/e/h/a, • Bluetooth module	• Wiegand 34/26, • RS-485, • Port Ethernet 10/100 Mb/s • RJ-45, • Wi-Fi module : 2.4 GHz- IEEE 802.11 b/g/n/d/e/h/a, • Bluetooth module	• Wiegand 34/26, • RS-485, • Port Ethernet 10/100 Mb/s • RJ-45	• RS-485 • Wiegand • LAN	• RS-485, • Wiegand (data output only), • LAN, • Bluetooth	• RS-485, • Wiegand (data output only), • LAN, • Bluetooth	• RS-485, • Wiegand (data output only), • LAN, • Bluetooth	• RS-485, • Wiegand (data output only), • LAN, • Bluetooth	Wiegand	• RS-485 • RACS (Roger)	• RS-485 • RACS (Roger)	• RS-485 • RACS (Roger) • Biometric Reader support (RFT1000 Mode)	• RS-485 • RACS (Roger)
Doorbell button	✓	✓	✓	—	✓	✓	✓	✓	✓	—	—	✓	—
Tamper output	—	—	—	—	✓	✓	✓	✓	✓	—	—	✓	—
Network interface	—	—	—	10/100 Base-T	• RJ-45 - 10/100 Base-T • Built-in Wi-Fi module	• RJ-45 - 10/100 Base-T • Built-in Wi-Fi module	• RJ-45 - 10/100 Base-T • Built-in Wi-Fi module	• RJ-45 - 10/100 Base-T • Built-in Wi-Fi module	• RJ-45 - 10/100 Base-T • Built-in Wi-Fi module	• RJ-45 - 10/100 Base-T • Built-in Wi-Fi module	—	—	—
Default IP address	—	—	—	192.0.0.64	192.0.0.64	192.0.0.64	192.0.0.64	192.0.0.64	192.0.0.64	—	—	—	—
Default admin user / password	—	—	—	/ 88888888	admin / -	admin / -	admin / -	admin / -	admin / -	—	—	—	—
Maximal current consumption	1 A	1 A	1 A	—	1 A	1 A	1 A	1 A	—	—	—	—	—
Mobile phones support	• Android: Free application Hik-Connect • iOS (iPhone): Free application Hik-Connect	• Android: Free application Hik-Connect • iOS (iPhone): Free application Hik-Connect	• Android: Free application Hik-Connect • iOS (iPhone): Free application Hik-Connect	—	—	—	—	—	—	—	—	—	—
Vandal-proof	—	—	—	—	—	—	—	—	—	—	—	—	—
Environment class	—	—	—	—	—	—	—	—	—	—	—	IV	IV
Supported languages	—	—	—	English	—	—	—	—	—	—	—	—	—
Selected features of the standalone mode	—	—	—	—	—	—	—	—	—	—	—	—	—
Power supply	12 V DC	12 V DC	12 V DC	9 ... 15 V DC	12 V ... 24 V DC	12 V ... 24 V DC	12 V ... 24 V DC	12 V ... 24 V DC	12 V DC / 1 A (power adapter included)	10 ... 15 V DC	10 ... 15 V DC	10 ... 15 V DC	10 ... 15 V DC
Average current consumption	—	—	—	—	—	—	—	—	—	—	70 mA	70 mA	—
Main features	Number of relay outputs : 1 pcs NO/NC, • 10 000 indexed users, • Memory of 3000 fingerprint patterns, • History of 100 000 events, • Identification: fingerprint and/or RFID card and/or PIN, • Identification via bluetooth device with HikCentral Access Control application, • White button illumination, • Support for door contact and exit button, • Electric strikes and electromagnetic locks support, • Reversing bolt support, • Tamper protection (detection of removing from mounting surface and enclosure opening), • Full support via network, • Alarm output, • Alarm inputs : 2 pcs	Number of relay outputs : 1 pcs NO/NC, • 10 000 indexed users, • History of 100 000 events, • Identification: Card and/or PIN, • Identification via bluetooth device with HikCentral Access Control application, • White button illumination, • Support for door contact and exit button, • Electric strikes and electromagnetic locks support, • Reversing bolt support, • Tamper protection (detection of removing from mounting surface and enclosure opening), • Full support via network, • Alarm output, • Alarm inputs : 2 pcs	Number of relay outputs : 1 pcs NO/NC, • 10 000 indexed users, • History of 100 000 events, • Identification: Card and/or PIN, • White button illumination, • Support for door contact and exit button, • Electric strikes and electromagnetic locks support, • Reversing bolt support, • Tamper protection (detection of removing from mounting surface and enclosure opening), • Full support via network, • Alarm output, • Alarm inputs : 2 pcs	Unique EM 125kHz proximity reader built-in, • Fingerprint reader built-in • Memory of 3000 fingerprint patterns • Possible connection of the external ASR series reader (read in/out door control) • Identification modes : • Proximity identifier Unique EM 125kHz, Fingerprint, Any combination of the above • Tamper detection - removing from mounting and exit button • Indication of forced entry and the lack of closing doors • 6 access groups • 128 General Purpose Schedules • 128 time periods within single Schedule • Holiday Schedules • Anti-passback • History of 150000 events • Integration with an alarm system via in/out line • Remote programming from PC • Watchdog built-in	100000 indexed users, • Memory of 10000 fingerprint patterns, • History of 300000 events • Identification: fingerprint and/or RFID card and/or PIN • Possibility to control the door from the Hik-Connect mobile application • micro SD Memory Card Reader - max. 256 GB • Bi-directional audio streaming support - Cooperation with the SIP server • The user is equipped with the Wiegand 26/34 interface allowing cooperation with an external access controller • RS-485 interface - Outdoor proximity cards and key-fobs reader, Elevator support • Support for door contact and exit button • Buzzer • LED indication • White button illumination • NO/NC output	Built-in camera 2 Mpx, Camera view angle 110° • Supported image compression methods : H.265, H.264 • 100000 indexed users, • Memory of 10000 fingerprint patterns, • History of 300000 events • Identification: fingerprint and/or RFID card and/or PIN • Possibility to control the door from the Hik-Connect mobile application • micro SD Memory Card Reader - max. 256 GB • Bi-directional audio streaming support - SIP 2.0 protocol • Buzzer • LED indication • White button illumination • Support for door contact and exit button • NO/NC output	Built-in camera 2 Mpx, Camera view angle 110° • Possibility to control the door from the Hik-Connect mobile application • 100000 indexed users • micro SD Memory Card Reader • Bi-directional audio streaming support - SIP 2.0 protocol • Buzzer • LED indication • White button illumination • Support for door contact and exit button • NO/NC output	Color LCD : 2.4" , 320 x 240 px • Memory of 3000 fingerprint patterns • Memory of 3000 RFID cards • History of 100 000 events • Full support via network • Counter of the door opening time with the possibility of sending an alarm signal after exceeding the set value • Door contact and request button for exit inputs • Alarm inputs / outputs : 1 / 1 • Port USB	Unique EM 125kHz (EM4100/4102) proximity reader built-in • Identification modes (Card or PIN, Card and PIN, Card only, PIN only) • Possible connection of the external PRT series reader (read in/out door control) / Wiegand • 3 programmable input lines NO/NC • 2 programmable transistor outputs 1A • Programmable relay output 1.5A/30V • Tamper protections : Tamper - NC 24V/50mA • Support for door contact and exit button • Indication of forced entry and the lack of closing doors • Possibility to connect the XM-2 type in/out expander • 4000 indexed users • 250 access groups • 99 General Purpose Schedules • 128 time periods within single Schedule • Holiday Schedules • Anti-passback • Battery backup • History of 32000 events • Biometric Reader support (High Security Mode) • Recording of information about Time&Attendance • Integration with an alarm system via in/out line • Remote programming from PC • Firmware upgrade via RS-485 port • software included (I Windows XP/2003/Vista/7/8) • Distance between controller and additional access reader : 150 m • Maximal distance between controller and PC : 1200 m	The ability to add additional reader (bilateral way door control), • 3 programmable input lines NO/NC, • 2 programmable transistor outputs 1A, • Programmable relay output 1.5A/30V, • Any topology of communication bus • Door modes (Normal, Locked, Unlocked and Conditionally Unlocked) • Any topology of communication bus • "Guest" type additional users support defined individually on each controller • Integration with an alarm system via in/out line • Identification modes (Card or PIN, Card and PIN, Card only, PIN only), • Two users function, dual identification mode and other advanced functions of access control, • System management via WAN/LAN network, or COM/USB serial port, • Possibility to split the system into subsystems (max. 250 subsystems) • LED indication, • Beep signal, • Keypad backlight buttons	The ability to add additional reader (bilateral way door control), • 3 programmable input lines NO/NC, • 2 programmable transistor outputs 1A, • Programmable relay output 1.5A/30V, • Any topology of communication bus • Door modes (Normal, Locked, Unlocked and Conditionally Unlocked), • Identification modes (Card or PIN, Card and PIN, Card only, PIN only), • Two users function, dual identification mode and other advanced functions of access control, • System management via WAN/LAN network, or COM/USB serial port, • Possibility to split the system into subsystems (max. 250 subsystems) • LED indication, • Beep signal, • Keypad backlight buttons	PRT series readers support • Unique EM 125kHz proximity reader built-in • 4000 indexed users • History of 32000 events	
Operation temp	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-40 °C ... 70 °C	-40 °C ... 70 °C	-40 °C ... 70 °C	-40 °C ... 70 °C	-10 °C ... 55 °C	0 °C ... 55 °C	-25 °C ... 40 °C	-25 °C ... 60 °C	-25 °C ... 60 °C
IK rating	IK09	IK09	IK09	IK09	IK09	IK09	IK09	IK09	IK09	IK09	IK09	IK09	IK09
Permissible relative humidity	10 ... 90 % (non- condensing)	10 ... 90 % (non- condensing)	10 ... 90 % (non- condensing)	max. 95 % (non-condensing)	—	—	—	—	10 ... 90 % (non- condensing)	10 ... 95 % (non- condensing)	10 ... 95 % (non- condensing)	10 ... 95 % (non- condensing)	10 ... 95 % (non- condensing)
"Index of Protection"	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP30	IP30	IP30	IP67	IP67
Housing	Aluminum + Self- extinguishing ABS - Vandal- proof housing (IK08)	Aluminum + Self- extinguishing ABS - Vandal- proof housing (IK08)	Aluminum + Self- extinguishing ABS - Vandal- proof housing (IK08)	—	Metal + Plastic	Metal + Plastic	Metal + Plastic	Metal + Plastic	Plastic	—	—	—	—
Color	Gray	Gray	Gray	Gray	Silver	Silver	Silver	Silver	Black	—	—	—	—
Weight	0.26 kg	0.26 kg	0.26 kg	0.29 kg	0.8 kg	0.82 kg	0.63 kg	0.65 kg	0.44 kg	0.17 kg	0.17 kg	0.174 kg	0.2 kg
Dimensions	177 x 58 x 29 mm	177 x 58 x 29 mm	177 x 58 x 29 mm	205 x 83 x 33 mm	177 x 81 x 24 mm	177 x 81 x 24 mm	177 x 81 x 24 mm	177 x 81 x 24 mm	205 x 77 x 37 mm	105 x 105 x 31 mm	152.5 x 46 x 23 mm (Standard housing stand) 152.5 x 46 x 35 mm (Thicker housing stand)	152 x 46 x 23 mm (Standard housing stand) • 152 x 46 x 35 mm (Thicker housing stand)	80 x 105 x 34 mm
Manufacturer / Brand	Hikvision	Hikvision	Hikvision	DAHUA	Hikvision	Hikvision	Hikvision	Hikvision	Hikvision	ROGER	ROGER	ROGER	ROGER
SAP Code	302920251	302920249	302920254	—	302918808	302918809	302918804	302918805	302918016	—	—	—	—

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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
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