

	WIRELESS MAGNETIC CONTACT ARD323-W2(868) DAHUA	WIRELESS MAGNETIC CONTACT ARD324-W2(868) DAHUA	WIRELESS MAGNETIC CONTACT ARD323-W2(868S) DAHUA	WIRELESS MAGNETIC CONTACT ARD324-W2(868S) DAHUA	WIRELESS MAGNETIC CONTACT AX PRO DS-FDMC-FG2-WE Hikvision	WIRELESS EXTERNAL MAGNETIC CONTACT AX PRO DS-FDMC-X-E-WE Hikvision	WIRELESS MAGNETIC CONTACT ATLO-AKN-MC10	WIRELESS MAGNETIC CONTACT ATLO-KN1W-TUYA Wi-Fi, Tuya Smart	WIRELESS MAGNETIC CONTACT DCTXP-2 PARADOX	WIRELESS MAGNETIC CONTACT DCTXP-2-BB PARADOX	WIRELESS MAGNETIC CONTACT DS-FDMC-EG2-WE Hikvision	MULTIPURPOSE WIRELESS DETECTOR AXD-200 ABAX/ABAX2 SATEL	MULTIPURPOSE WIRELESS DETECTOR AXD-200-BB ABAX/ABAX2 SATEL	MULTIPURPOSE WIRELESS DETECTOR AXD-200-DG ABAX/ABAX2 SATEL	WIRELESS MAGNETIC DETECTOR MMD-300 SATEL	WIRELESS MAGNETIC DETECTOR MMD-300-BB SATEL	WIRELESS MAGNETIC DETECTOR MMD-302 SATEL	WIRELESS MAGNETIC DETECTOR MMD-302-BB SATEL
																		
	61.44 EUR 61.44 EUR	65.26 EUR 65.26 EUR	55.22 EUR 55.22 EUR	59.29 EUR 59.29 EUR	48.53 EUR 48.53 EUR	62.16 EUR 62.16 EUR	5.16 EUR 5.16 EUR	8.14 EUR 8.14 EUR	49.96 EUR 49.96 EUR	49.96 EUR 49.96 EUR	37.29 EUR 37.29 EUR	51.64 EUR 51.64 EUR	51.64 EUR 51.64 EUR	51.64 EUR 51.64 EUR	19.13 EUR 19.13 EUR	19.13 EUR 19.13 EUR	23.67 EUR 23.67 EUR	23.67 EUR 23.67 EUR
Detection	Opening the door or window	Opening the door or window	Opening the door or window	Opening the door or window	Opening the door or window	Gate opening, Opening the door	Opening the door or window	Opening the door or window	• Opening the door or window. • The input, which enables connecting any wire detector	• Opening the door or window. • The input, which enables connecting any wire detector	Opening the door or window	...	...	...	Opening the door or window	Opening the door or window	Opening the door or window	Opening the door or window
Frequency band	...	...	...	...	...	...	...	...	...	...	...	868 MHz ... 868.6 MHz	868 MHz ... 868.6 MHz	868 MHz ... 868.6 MHz	433.05 MHz ... 434.79 MHz	433.05 MHz ... 434.79 MHz	433.05 MHz ... 434.79 MHz	433.05 MHz ... 434.79 MHz
Break distance	~ 40 mm	~ 40 mm	~ 40 mm	~ 40 mm	~ 43 mm	~ 76 mm	≥ 15 mm	≥ 15 mm	~ 10 mm	~ 10 mm	~ 52 mm	...	...	...	...	...	...	...
Support	Wireless alarm systems DAHUA	Wireless alarm systems DAHUA	Wireless alarm systems DAHUA	Wireless alarm systems DAHUA	HIKVISION AX PRO	HIKVISION AX PRO	alarm control panel ATLO-AZ-WG13A-TUYA	Tuya Smart	PARADOX: SPECTRA SP (RTX-3, RX-1, K-32 LX), MAGELLAN MG, Digiplex EVO (RTX-3, K-641 LX)	PARADOX: SPECTRA SP (RTX-3, RX-1, K-32 LX), MAGELLAN MG, Digiplex EVO (RTX-3, K-641 LX)	HIKVISION AX PRO	ABAX/ABAX2	ABAX/ABAX2	ABAX/ABAX2	Satel MICRA, PERFECTA-xx-WRL	Satel MICRA	Satel MICRA	Satel MICRA
Radio communication range	...	...	...	...	...	...	≤ 70 m	The range limited only by the availability of the Wi-Fi network	...	...	...	...	...	...	...	...	...	...
Tamper contact	...	...	...	...	...	...	1 x 12V, type A23 battery (included)	...	...	...	...	...	...	...	✓	✓	✓	✓
Battery power supply	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alarm signaling	Signal to control panel	Signal to control panel	Signal to control panel	Signal to control panel	Signal to control panel	• LED indicator : Color - blue, • Signal to control panel	...	Signal to the Tuya Smart mobile application	Signal to control panel	Signal to control panel	Signal to control panel	Signal to control panel	Signal to control panel	Signal to control panel	Signal to control panel	Signal to control panel	Signal to control panel	Signal to control panel
Frequency range	868 MHz	868 MHz	868 MHz	868 MHz	868 MHz - Tri-X Wireless	868 MHz - Tri-X Wireless	433 MHz	2.4 GHz WiFi - IEEE 802.11 b/g/n	433 MHz - PARADOX MAGELLAN	433 MHz - PARADOX MAGELLAN	868 MHz - Tri-X Wireless	...	...	...	...	...	...	...
Radio communication range (at open area)	max. 1200 m (open area)	max. 1200 m (open area)	max. 1200 m (open area)	max. 1200 m (open area)	max. 1600 m	max. 1600 m	...	...	max. 60 m	max. 60 m	max. 1200 m	• ≤ 500 m @ ABAX, • ≤ 2000 m @ ABAX2	• ~ 500 m @ ABAX, • ~ 2000 m @ ABAX2	• ~ 500 m @ ABAX, • ~ 2000 m @ ABAX2	max. 200 m	max. 200 m	max. 200 m	max. 200 m
Additional input sensitivity	...	...	...	...	...	...	...	...	...	...	...	...	...	...	312 ms	312 ms	312 ms	312 ms
Alarm inputs	—	1 pcs NO / NC / Pulse counter	—	1 pcs NO / NC / Pulse counter	—	NO/NC	—	NO/NC	NO/NC	NO/NC	—	...	...	...	...	...	...	...
Battery	1 x CR123A 3 V (included)	1 x CR123A 3 V (included)	1 x CR123A 3 V (included)	1 x CR123A 3 V (included)	1 x CR123A 3 V (included)	...	...	2 x 1.5V, type AAA/LR03 battery (included)	2 x AAA 1.5 V (not included)	2 x AAA 1.5 V (not included)	1 x CR2450 3 V (included)	CR123A 3 V - 3.0 V (included)	CR123A 3 V - 3.0 V (included)	CR123A 3 V - 3.0 V (included)	CR123A 3 V	CR123A 3 V	CR123A 3 V	CR123A 3 V
Environmental class EN 50130-5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	II	II	II	II
Protection class (Grade)	...	...	...	...	...	...	...	...	...	...	...	2	2	2	—	—	—	—
Power supply	...	...	...	...	...	1 x battery CR123A 3 V (included)	...	...	...	...	...	...	...	...	...	...	...	...
Backup time	~ 5 years	~ 3 years	~ 5 years	~ 3 years	~ 5 years	~ 5 years	...	It is possible to operate via the Wi-Fi network from the mobile application on the iOS, Android systems: • The Tuya Smart free application on Android • The Tuya Smart free application on iOS	~ 3 years	~ 3 years	~ 3 years	~ 2 years	~ 2 years	~ 2 years	max. 3 years	max. 3 years	max. 3 years	max. 3 years
Mobile phones support	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Current consumption	...	60 mA	...	60 mA	...	max. 48 mA	≤ 10 µA Standby ≤ 45 mA Alarm signaling	max. 55 mA	max. 5 mA	max. 5 mA	...	...	...	...	27 mA	27 mA	27 mA	27 mA
Permissible relative humidity	...	...	...	...	...	...	...	...	...	...	...	...	...	...	93 ± 3 %	93 ± 3 %	93 ± 3 %	93 ± 3 %
Compliance with standards	...	...	...	...	...	...	...	...	EN 61000-6-3, EN 50130-4 EN 60950-1 ETSI EN 300 220-2, ETSI EN 301 489-1, ETSI EN 301 489-3 EN 50581	EN 61000-6-3, EN 50130-4 EN 60950-1 ETSI EN 300 220-2, ETSI EN 301 489-1, ETSI EN 301 489-3 EN 50581	...	...	...	...	...	...	...	
Main features	• Tamper protections • Low battery level alarm • AES128 data encryption	• Tamper protections • Low battery level alarm • Detection of shocks and vibrations associated with attempts to force a door or window • Bidirectional communication • AES128 data encryption • Frequency hopping against jamming for reliable transmission • Test mode • Temperature measurement in the range: -15°C ... +65°C • thermal protection • Configuration using the application • Cloud update	• Tamper protections • Low battery level alarm • AES128 data encryption	• Tamper protections • Low battery level alarm • Detection of shocks and vibrations associated with attempts to force a door or window • Bidirectional communication • AES128 data encryption • Frequency hopping against jamming for reliable transmission • Test mode • Temperature measurement in the range: -15°C ... +65°C • thermal protection • Configuration using the application • Cloud update	• Tamper protections • Signal indicator • Transmission encoding - 128-bit AES encryption • Bidirectional communication • Frequency hopping against jamming for reliable transmission • Remote management • UV radiation resistance • "Index of Protection": IP66	• Tamper detection - opening the enclosure, removing from mounting surface • Signal indicator • Digital detector • Transmission encoding - 128-bit AES encryption • Bidirectional communication • Frequency hopping against jamming for reliable transmission • Remote management • LIV radiation resistance • "Index of Protection": IP66	• Low battery level alarm ≤ 5.5 V • Code 1527 data encryption	Low battery level alarm ≤ 2.2 V	• Input response time : 45 ms • Tamper protections • The ability to connect 1 alarm zone	• Input response time : 45 ms • Tamper protections • The ability to connect 1 alarm zone	• Tamper protections • Signal indicator • Transmission encryption - 128-bit AES encryption	• Operation modes : - Magnetic detector - Dual channel magnetic detector - Magnetic detector with roller shutter input - Shock and magnetic detector - Detection of shocks and vibrations associated with attempts to force a door or window - Reorientation detector - Detecting a change in position of an object - Temperature Sensor - Temperature measurement in the range: -10°C ... +55°C, Two programmable temperature thresholds (upper and lower) - Water flood detector - The required FFX-1 probe is available separately - 2 x NC wired zone expander - Wired zone expander: NC and roller shutter • Tamper detection - opening the enclosure, removing from mounting surface • Remote configuration • Remote update of module software • The LED to indicate violations in test mode, easy start-up and later maintenance of the system	• Operation modes : - Magnetic detector - Dual channel magnetic detector - Magnetic detector with roller shutter input - Shock and magnetic detector - Detection of shocks and vibrations associated with attempts to force a door or window - Reorientation detector - Detecting a change in position of an object - Temperature Sensor - Temperature measurement in the range: -10°C ... +55°C, Two programmable temperature thresholds (upper and lower) - Water flood detector - The required FFX-1 probe is available separately - 2 x NC wired zone expander - Wired zone expander: NC and roller shutter • Tamper detection - opening the enclosure, removing from mounting surface • Remote configuration • Remote update of module software • The LED to indicate violations in test mode, easy start-up and later maintenance of the system	• Operation modes : - Magnetic detector - Dual channel magnetic detector - Magnetic detector with roller shutter input - Shock and magnetic detector - Detection of shocks and vibrations associated with attempts to force a door or window - Reorientation detector - Detecting a change in position of an object - Temperature Sensor - Temperature measurement in the range: -10°C ... +55°C, Two programmable temperature thresholds (upper and lower) - Water flood detector - The required FFX-1 probe is available separately - 2 x NC wired zone expander - Wired zone expander: NC and roller shutter • Tamper detection - opening the enclosure, removing from mounting surface • Remote configuration • Remote update of module software • The LED to indicate violations in test mode, easy start-up and later maintenance of the system	• Two optional reed switch sensors to facilitate selection of installation place • Input for connecting an external sensor to protect two points (e.g. two sashes of one window) with a single device • energy management system to enable many years of operation without having to replace the CR123A Lithium battery • Tamper detection - opening the enclosure, removing from mounting surface	• Two optional reed switch sensors to facilitate selection of installation place • Input for connecting an external sensor to protect two points (e.g. two sashes of one window) with a single device • energy management system to enable many years of operation without having to replace the CR123A Lithium battery • Tamper detection - opening the enclosure, removing from mounting surface	• Two optional reed switch sensors to facilitate selection of installation place • Input for connecting an external sensor to protect two points (e.g. two sashes of one window) with a single device • energy management system to enable many years of operation without having to replace the CR123A Lithium battery • Tamper detection - opening the enclosure, removing from mounting surface	• Two optional reed switch sensors to facilitate selection of installation place • Input for connecting an external sensor to protect two points (e.g. two sashes of one window) with a single device • energy management system to enable many years of operation without having to replace the CR123A Lithium battery • Tamper detection - opening the enclosure, removing from mounting surface
Operation temp	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-20 °C ... 60 °C	-10 °C ... 50 °C	-10 °C ... 50 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C
Color	White	White	White	White	White	White	White	White	White	Brown	White	White	Brown	Dark graphite	White	Brown	White	Brown
Weight	• 0.036 kg - Transmitter • 0.034 kg - Magnet	• 0.034 kg - Transmitter • 0.034 kg - Magnet	• 0.034 kg - Transmitter • 0.034 kg - Magnet	• 0.036 kg - Transmitter • 0.034 kg - Magnet	• 0.048 kg - Transmitter • 0.012 kg - Magnet	• 0.156 kg - Transmitter • 0.096 kg - Magnet	• 0.02 kg - Reed switch • 0.01 kg - Magnet	• 0.018 kg - Reed switch • 0.01 kg - Magnet	0.05 kg	0.05 kg	0.02 kg - Reed switch 0.018 kg - Magnet	0.023 kg	0.023 kg	0.023 kg	0.056 kg	0.064 kg	0.064 kg	0.064 kg
Dimensions	• 100 x 21 x 21 mm - Transmitter • 100 x 21 x 21 mm - Magnet	• 100 x 21 x 21 mm - Transmitter • 100 x 21 x 21 mm - Magnet	• 100 x 21 x 21 mm - Transmitter • 100 x 21 x 21 mm - Magnet	• 100 x 21 x 21 mm - Transmitter • 38 x 13.5 x 14 mm - Magnet	• 23 x 103 x 10 mm - Transmitter • 31 x 146 x 11 mm - Magnet	• 41 x 146 x 41 mm - Transmitter • 31 x 146 x 41 mm - Magnet	• Reed switch : 65 x 25 x 14 mm • Magnet : 52 x 11 x 13 mm	• Reed switch : 25 x 70 x 21 mm • Magnet : 15 x 40 x 18 mm	• Transmitter : 32 x 112 x 25 mm • Magnet A : 14 x 44 x 16.5 mm	• Transmitter : 32 x 112 x 25 mm • Magnet A : 14 x 44 x 16.5 mm	• Reed switch : 29 x 69 x 10 mm • Magnet : 14 x 69 x 9 mm	20 x 102 x 23 mm	20 x 102 x 23 mm	20 x 102 x 23 mm	26 x 112 x 29 mm	24 x 110 x 27 mm	24 x 110 x 27 mm	24 x 110 x 27 mm
Country of origin	China	...	...	...	China	China	...	Canada	Canada	Canada	China	...	...	...	...	...	...	...
SAP Code	...	...	...	...	314300060	314300151	...	...	PARADOX	PARADOX	314300061	SATEL	SATEL	SATEL	SATEL	SATEL	SATEL	SATEL
Manufacturer / Brand	DAHUA	DAHUA	DAHUA	DAHUA	Hikvision	Hikvision	ATLO	Hikvision	PARADOX	PARADOX	Hikvision	SATEL	SATEL	SATEL	SATEL	SATEL	SATEL	SATEL
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

DELTA-OPTI Monika Matysiak / VAT:PL5251295225 / 60-713 Poznań, ul. Graniczna 10
Tel:+48 61 864 69 60 / GSM:+48 607 60 11 66 / Fax:+48 61 864 69 65 / e-mail: info@delta.poznan.pl
Monday-Friday: 8.00-19.00 / Saturday: 8.00-14.00