



CRYPTO-BOX® Rev.2 - Technical Data

	CRYPTO-BOX SC (CBUR2SC)	CRYPTO-BOX XS (CBUR2XS)	CRYPTO-BOX Versa (CBUR2VS)
Controller chip	RISC Smart Card Processor with USB interface		
Controller chip certification	EAL4+, WHQL (Microsoft)		
Firmware	proprietary MARX		
Supported operating systems	Windows, Linux, macOS, iOS*, Android* (*network mode)		
AES/Rijndael 128 bit, implemented in hardware	✓ 8 keys (more on request)	✓ 3 keys	
RSA 2048 bit support, implemented in hardware	✓ 6 keys (more on request)	- (implemented on driver level, 1 key)	-
Unique Serial Number (BoxName) per device	✓	✓	- (same number per batch)
Network Support	✓ (Floating License)	✓ (Floating License)	✓ (no license management)
Memory size (total)	72 kbyte, ca. 30 kbyte free	4, 32 or 64 kbyte	4kbyte
Internal memory read / write performance	read/write: approx. 80 kbyte/s	read/write: approx. 12 kbyte/s	
User-/admin password (PIN/PUK)	up to 16 byte length		
Case & LED	designer metal case, zinc cast, LED showing the operating state, eye for key ring		
Connector	USB Type A		
Memory programming	minimum 100.000 write cycles		
Data life cycle	minimum 10 years		
Conformity and certifications	CE and FCC, RoHS, USB Logo		
Measurements	14 x 7 x 32,5 mm / 0.55" x 0.28" 1.28"		
Weight	7,5 g / 0.24 oz		
Temperature range	-10°C to +70°C / 14°F to 158°F		
Air Humidity	0% to 95% relative humidity		

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