

One-Time Password (OTP) Tokens

OATH-compliant Authentication Tokens, Keypads and Cards

Token Specification

c100 Token



c200 Token



c200 Token (Mini)



c300 Token



	c100 Token	c200 Token	c200 Token (Mini)	c300 Token
OTP Type	Event-based	Time-based	Time-based	Time-based/Challenge response
OTP Algorithm	OATH HOTP (RFC 4226) SHA-1	OATH TOTP (RFC 6238) SHA-1 60 second timestep	OATH TOTP (RFC 6238) SHA-1 or SHA-256 30 second timestep	OATH TOTP (RFC 6238) SHA-1 60 second timestep
OTP Digits	6	6 Optional: 8 digits	6	6 Optional: 8 digits
PIN	N/A	N/A	N/A	Length: 4 digits Retries: 6
Challenge-Response	N/A	N/A	N/A	OCRA (RFC 6287) HMAC: SHA-1 Challenge Code: Up to 40 digits Response Code: 6 digits
Unlock Settings	N/A	N/A	N/A	Challenge Code: 6 digits Response Code: 6 digits
Display	LCD	LCD	LCD	LCD
Power Supply	Battery Lifetime: 3-5 years	Battery Lifetime: 3-5 years	Battery Lifetime: 3-5 years	Battery Lifetime: 3-5 years
Form Factor	Keyfob (see Dimensions)	Keyfob (see Dimensions)	Keyfob (see Dimensions)	Keypad (see Dimensions)
Dimensions	62 x 29 x 11 mm	60 x 27 x 10 mm	44.3 x 19.9 x 7.4 mm	72.2 x 46.6 x 4 mm
Weight	14.4 g	16.1 g	14 g	16 g
Operating Temperature	-10 °C ~ +50 °C	-10 °C ~ +50 °C	-10 °C ~ +50 °C	-10 °C ~ +50 °C
Storage Temperature	-20 °C ~ +70 °C	-20 °C ~ +70 °C	-20 °C ~ +70 °C	-20 °C ~ +70 °C
Ingress Protection (IP Rating)	N/A	N/A	IP68	N/A
Flexibility	N/A	N/A	N/A	N/A
Compliance	RoHS, FCC, CE	RoHS, FCC, CE	RoHS, FCC, CE	RoHS, FCC, CE

	c100 Token	c200 Token	c200 Token (Mini)	c300 Token
Customisation	Fully customisable colour faceplates, front and back Configurable algorithm Customisation minimum order quantity: 500	Fully customisable colour faceplates, front and back Configurable algorithm Configurable timestep value Customisation minimum order quantity: 500	Fully customisable colour faceplates, front and back Configurable serial number Configurable algorithm Configurable timestep value Customisation minimum order quantity: 500	Fully customisable colour faceplates, front and back Configurable algorithm Configurable timestep value Customisation minimum order quantity: 500