

# One-Time Password (OTP) Tokens

## OATH-compliant Authentication Tokens, Keypads and Cards

### Token Specification

**c100 Token**



**c200 Token**



**c200 Token (Mini)**



**c300 Token**



	<b>c100 Token</b>	<b>c200 Token</b>	<b>c200 Token (Mini)</b>	<b>c300 Token</b>
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-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

	<b>c100 Token</b>	<b>c200 Token</b>	<b>c200 Token (Mini)</b>	<b>c300 Token</b>
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