DoubleClue OTP Token White Paper

1. **Introduction**

The Single Button OTP Tokens with the compact size of a key ring generate time-based one-time passwords compliant with the standardized OATH-TOTP algorithm.

1. **Supported Algorithm**

The tokens support a Time-based One-Time Password algorithm (TOTP) according to the international standard IETF RFC 6238.

1. **General Features**

OATH-compliant TOTP (Time-based OTP)

SHA-1 and SHA-2 Hash algorithm

Cycle time of 60 seconds

6-digit display, optionally with 8-digit display

1. **Product Information**

Every token has a printed registration key and a seed. The secret seed is used to generate the passcode. Tokens come in batches and every batch has a seed file which is encrypted with a phrase of 32 characters. The seed file is imported into DoubleClue Enterprise Management (DCEM) together with the phrase. The DCEM Operator can then assign tokens to users.

 

**OTP c200 128**

**OTP c200 H41**

1. **Product Specifications**

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| **Case H41** | **Size: 60 x 27 x 10 mm** | **Weight: 16.1 g** |
| **Case 128** | **Size: 45 x 20 x 7 mm** | **Weight: 13.4g** |
| **Material** | **PC+ABS** | |
| **Energy Consumption** | **Less than 0.005 mW** | |
| **Operating Temperature** | **-10 °C till 50 °C** | |
| **Storage Temperature** | **-20 °C till 70 °C** | |
| **Humidity** | **0 – 100% without condensation** | |
| **Lifetime of Battery** | **5 years** | |
| **Physical Resistance** | **IP 65 Ingress Protection (under evaluation)**  **IP 68 for Glue Injection** | |