



## OTP c100

OATH Event Based

OTP c100 token enables strong authentication by positively identifying user with one-time passwords. Simply pressing the button OTP c100 generates a secure event synchronous one-time password, ensuring properly identification and allowing only authorized access to critical applications and sensitive data.

OTP c100 is a connectionless device offering user true zero-footprint authentication. OTP c100 complies with OATH standards in event-based authentication methods. It works with OTP authentication server as well as other 3rd remote access and network access devices, to provide best-of-breed solutions for security needs.

### Key Features

- Strong two-factor authenticator
- Unique password generated
- Unique token serial number
- Zero software install on client side
- Zero footprint authentication
- Easy and faster integration into both centralized and distributed way
- Compliant with OATH open algorithm, seamless integration with 3rd-party systems
- Support for a wide range of authentication and access gateway solutions to protect your most important assets and information
- Physical testing certified with FCC: Method RS101/MIL-STD-461D, CE: EN61000-6-2, and EN55022
- Chemical resistance, Ultraviolet resistance, Magnetism resistance, and resistance to electrostatic

ON-BOARD SECURITY ALGORITHM	OATH COMPLIANT EVENT-BASED
COMPONENT	BUILT-IN BUTTON 8-CHARACTER LCD SCREEN GLOBALLY UNIQUE SERIAL NUMBER
HARDWARE CERTIFICATION	ROHS COMPLIANT
OPERATING TEMPERATURE	-10°C ~ 50°C
STORAGE TEMPERATURE	-20°C ~ 70°C
WATER RESISTANCE CERTIFICATE	IP68 (INGRESS PROTECTION)
CASING	HARD MOLDED PLASTIC (ABS) TAMPER EVIDENT
KEY STORAGE FOR OTP SECURITY ALGORITHM	STATIC RANDOM ACCESS MEMORY (RAM)
MEMORY DATA RETENTION	STANDARD LITHIUM BATTERY BATTERY LIFETIME OF 3-5 YEARS
BATTERY LIFECYCLE	3-5 YEARS
CUSTOMIZATION AVAILABILITY	CASING COLOR CUSTOMER LOGO FACEPLATE BRANDING

About Feitian  
FEITIAN is a trusted leader in the global market for multi-factor Authentication, personal identity, rights management, smart card and mobile smart card reader technology. Established in 1998, FEITIAN has developed as an essential component in the information architecture of private and public enterprise, government, and educational institutions throughout the world. FEITIAN is now known to worldwide countries as a name that stands for confidence, quality and performance. The fountainhead of FEITIAN is firmly rooted in a research and development department comprised of forward thinking experts accounting for more than half of FEITIAN's distinguished multi-national team.

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## OTP c200

OATH Time Based

OTP c200 token is a small key-chain like hardware authenticator which offers user real mobility and flexibility. By simply pressing the button, OTP c200 generates and displays a secure one-time password every 60 seconds (and optional 30 seconds), ensuring proper identification and allowing only authenticated user with authorized access to critical applications and sensitive data. OTP c200 complies with the IETF draft of time-based authentication methods, which was submitted by OATH to provide compatibility with third-party software.

TP c200 token provides the most cost-effective two-factor authentication for enterprises to manage secure access to information in the global market.

### Key Features

- Strong two-factor authenticator
- Each OTP password is only valid for a short amount of time (60/30 sec)
- Accurate internal real-time clock
- Zero client software installation
- Zero footprint authentication
- Easy and fast integration in both centralized and distributed way
- Compliant with OATH TOTP algorithm, seamless integration with 3rd-party systems
- Support for a wide range of authentication and access gateway solutions to protect important information
- Physical testing certified with FCC: Method RS101/MIL-STD-461D, CE: EN61000-6-2, and EN55022
- Fully supported by Feitian OTP Authentication System (FOAS)

ON-BOARD SECURITY  
ALGORITHM

OATH TOTP  
TIME-BASED

COMPONENT

BUILT-IN BUTTON  
6-8 CHARACTER LCD  
SCREEN GLOBALLY  
UNIQUE SERIAL  
NUMBER

HARDWARE  
CERTIFICATION

ROHS COMPLIANT

OPERATING  
TEMPERATURE

-10°C ~ 50°C

STORAGE  
TEMPERATURE

-20°C ~ 70°C

WATER RESISTANCE  
CERTIFICATE

IP68 (INGRESS  
PROTECTION)

CASING

HARD MOLDED  
PLASTIC (ABS)  
TAMPER EVIDENT

KEY STORAGE FOR  
OTP SECURITY  
ALGORITHM

STATIC RANDOM  
ACCESS MEMORY  
(RAM)

MEMORY DATA  
RETENTION

STANDARD LITHIUM  
BATTERY

BATTERY LIFECYCLE

3-5 YEARS

CUSTOMIZATION  
AVAILABILITY

CASING COLOR  
CUSTOMER LOGO  
FACEPLATE  
BRANDING

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## OTP c300

OATH Challenge-Response Based

OTP c300 hardware token provides OATH event/-time-based and challenge/response OTP. The system is offered as part of a complete solution with FOAS (FEITIAN OTP Authentication System). OTP c300 effectively eliminates the threat posed by a wide array of account attacks and modern cybercrime techniques such as peep, reuse, and man-in-the-middle.

OTP c300 hardware token is completely compliant with OATH standard. In addition, it supports FEITIAN's proprietary algorithm which seamlessly integrates with FEITIAN OTP authentication server to provide higher security and availability such as Seed Alteration, Multiple-Level PIN Protection. OTP c300 is an ideal solution for bank customers looking for enhanced online-financial transaction security with reduced IT costs and fixed costs associated with token hardware.

### Key Features

- Easy To Operate  
Built-in LCD and numeric keypad
- Multiple Function  
OATH Event/Time-based OTP  
OATH Challenge/Response (OCRA)  
OATH Transaction signature
- Additional Function  
Multiple-Level PIN Protection Seed Alteration
- Flexibility To Customize  
Appearance (Casing/Faceplate/Logo)  
Algorithm (OATH or FEITIAN proprietary algorithm)  
Function (Multiple choices on Time-based OTP, Challenge/Response and Transaction Signature)  
OTP Parameter (Length/Time interval)

Casing Material	Kirksite + ABS
Dimension (L×H×W)	72 × 46.5 × 3.2 mm (2.83 × 1.83 × 0.12 inches)
LCD	Segment LCD
Keypad	4×4 buttons
Working Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)
Battery Lifetime	3 Years
Power Consumption	<0.7uW
Supported Algorithm	OATH, FEITIAN proprietary algorithm
Time Interval	60 seconds, customizable
OTP Length	6/8 digits, customizable
Seed Length	At least 160bit
Waterproof	IPX6
Drop Resistance	1 Meter
Anti-Static	EN61000-6-2
Anti-HFEA	EN61000-6-2
Anti-LFEA	MIL-STD-461D
Certification	CE / FCC / RoHS

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## FOAS

FEITIAN Authentication System

Feitian provides on-site seed generating for OTP tokens through our seed generating server.

The seed generating server contains a built-in OTP production management platform to provide centralized and simplified administration of the seed production process.

The seed generating server can work online and offline.

Online mode means the seed generating server will be connected with a seed programming device and work together to provide a continuous production process from seed's generating to programming.

Offline mode means the seed generating server will work independently. The seeds will be encrypted and stored in a smart card. When needed, program seeds into tokens by inserting the smart card into the seed programming device to start process.

### Features

- **R&D Independently:**  
Adopt many innovative technologies with FEITIAN's intellectual property rights.
- **Good Performance:**  
Powerful hardware configuration, provide high performance and stability.
- **Afford On Demand:**  
Provides two solutions to customers: generating only or generating & programming on-premise. You can generate seeds and let other vendors program the seeds into tokens or alternatively you can control every process by generating and programming on-site.
- **High Level Security:**  
The seed generating server can be integrated with the hardware security model (HSM) to provide higher security.  
On-site seed generating solution can ensure only the customer will know the seed data.  
Provide multiple secure generating policies to ensure the security of the generating process.
- **Easy To Use:**  
Integrates with OTP production management platform to simplify the generating operation.

Operating System	SuSE 11.3
Software	OTP Production Management Platform
Database	MYSQL 5.0
Chassis	2U Rack Mount
Weight	11.3kg(24.9 lbs)
Dimension(L×W×H)	482×88×452 mm
CPU	Intel Core Duo 2.8GHz
Memory	4GB
Hard Disk	1 SATA Drive 250GB
Input/Output port	USB×2 LPT×2
CD-Driver	DVD driver
Mouse & Keyboard	Optional
Power	Universal PS120/240V
Ethernet	2 GE ports
Network Protocol	SNMP
Working Temperature	10°C ~ 35°C
Storage Temperature	-40°C ~ 65°C
Working Humidity	20% ~ 80% no condensation
Storage Humidity	5% ~ 95% no condensation
Smart Card Standard	ISO / IEC 7816

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