

# FortiToken™ 410

Passwordless Authentication



## Key Benefits

- FIDO-enabled client (FortiClient) and browsers, or captive portal with FIDO-enabled browsers
- Protects users from phishing, password theft, and replay attacks
- Provides maximum convenience
- Reduces reliance on or replaces passwords
- Protects user privacy
- Lowers operational costs

## FIDO Security Key for Passwordless Online Login

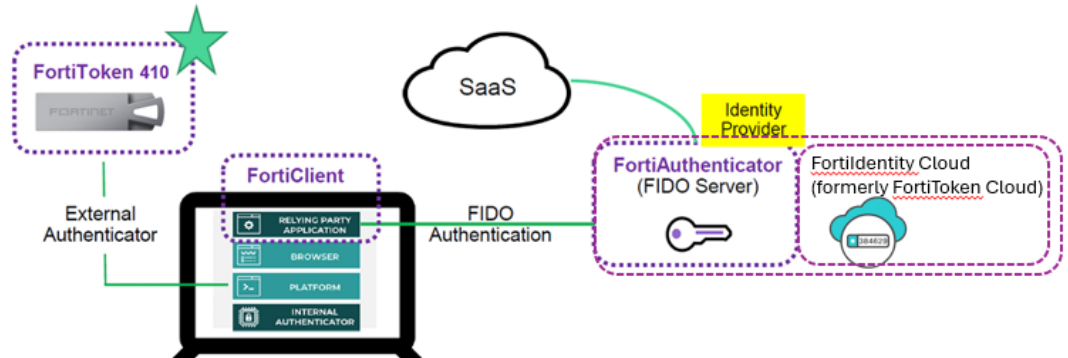
Digital transformation, rapid cloud adoption, and the global shift to remote work have accelerated the evolution of authentication methods. FortiToken 410 is our all-in-one USB security key that can be used for multi-factor authentication (MFA) or passwordless login when using online services. FortiToken 410 supports FIDO U2F and FIDO2 protocols. It reduces reliance on passwords while increasing security and protecting user privacy.

### What is Fast IDentity Online or FIDO?

FIDO is an evolution of user authentication for online access. It is also known as passwordless authentication. FIDO is an open standard that was developed by the FIDO Alliance and the World Wide Web Consortium. FIDO is a lightweight approach to asymmetric public-key cryptography that extends the security benefits of public-key cryptography to a wider array of applications, domains, and devices. FIDO is designed to reduce (or remove) password usage, avoid the sharing of secrets, and create a path toward using a single credential for authenticating to multiple service providers such as websites and mobile services.

## Deployment

Available in



### Advantages

- Works with a vast range of applications and web services that have adopted FIDO U2F and FIDO2 protocols. These include SSL VPN with FIDO-enabled client (FortiClient) and browsers, or captive portal with FIDO-enabled browsers
- Protects users from phishing, all forms of password theft, and replay attacks
- Provides maximum convenience with no code to type or drivers to install
- Reduces reliance on or replaces passwords
- Protects user privacy because FIDO cryptographic keys are unique for every service and cannot be used to track users across sites
- Lowers operational costs with the reduction of password-related IT helpdesk support



## Specifications

FortiToken 410	
Compatibility	Windows/ Mac OS/ Linux FIDO U2F and FIDO2 supported applications
Storage Temperatures	4°F to 185° F (-20°C to 85°C)
Operating Temperatures	32°F to 158° F (0°C to 70°C)
Height x Width x Length (inches)	2 × 0.5 × 0.2 in.
Height x Width x Length (mm)	40 × 12 × 5 mm
Weight	0.2 oz (5 g)
Hardware Interface	HID interface USB 2.0 Type A connector Type A - Type C Connectors (optional)
Standards	FIDO U2F and FIDO2 certified
Cryptographic Algorithms	AES-128, AES-256, ECDSA P-256, SHA256, HMAC-SHA256, HKDF

## Order Information

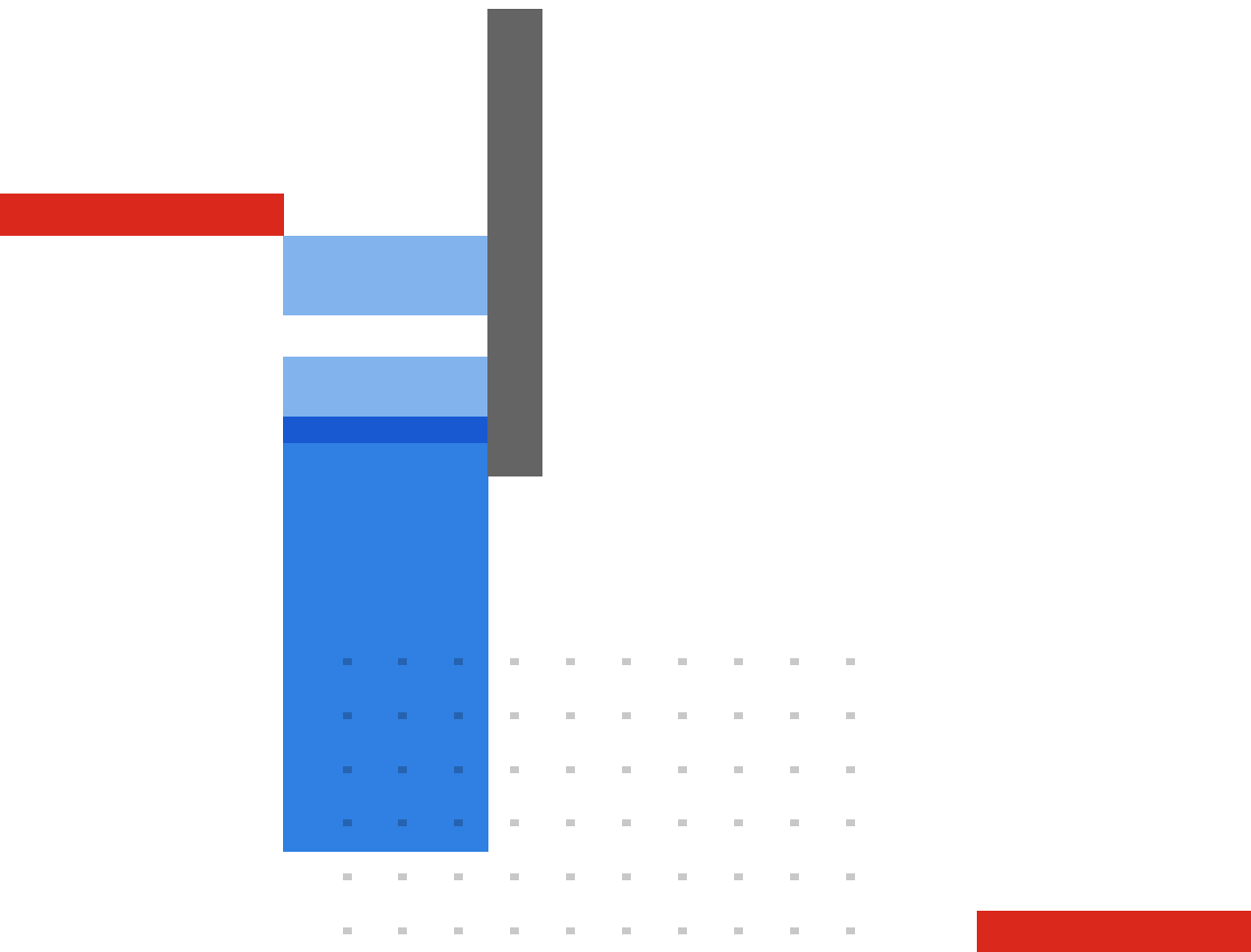
Product	SKU	Description
FortiToken 410	FTK-410-5	Five pieces of passwordless USB-interfaced security key that supports FIDO U2F/FIDO2.
	FTK-410-20	Twenty pieces of passwordless USB-interfaced security key that supports FIDO U2F/FIDO2.
	FTK-410-100	One hundred pieces of passwordless USB-interfaced security key that supports FIDO U2F/FIDO2.



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