HID

ActivID® BlueTrust™ Token

MULTI-PURPOSE CONTACTLESS TOKEN FOR SECURE ACCESS

- **One-Click Authentication –** One-Time Password sent over Bluetooth® LE
- **Improved User Experience –** Designed for secure & frictionless usage - no more typing of passwords
- **Frictionless Access –** Authenticate to systems, data, and networks with Bluetooth and NFC
- **FIDO U2F (Universal 2nd Factor) Compliant –** Securely access multiple online applications without pre-installed software or a client app

Main Use Cases
- PC Access
- VPN Logon
- Web Application Login
- Unlock Windows Workstation

Benefits
- High Level of Security
- Great User Experience
- Open Standards Security Services such as FIDO and OATH
- Deployment options for connected and unconnected modes

HID Global's BlueTrust™ token is a multi-purpose contactless token for logical access. The token combines a broad variety of technologies.

The BlueTrust Token delivers One-Click authentication with a fast and easy user experience. The device supports Bluetooth® wireless technology, and removes the burden of typing passwords. The generated OTP is automatically forwarded to the computer or mobile device, providing a simple user experience without sacrificing privacy and security.

The token leverages state of the art one-time password technology (OTP) combined with a Bluetooth® Low Energy (LE) interface. The BlueTrust

Token generates random passwords that can only be used once. The OTP can be sent via Bluetooth® wireless technology or using the display. This enables secure access to IT infrastructure from anywhere. Use cases include secure login to workstations and laptops, web-based cloud applications or VPN gateways.

The device complies with the FIDO Universal Second Factor Standard (U2F) based on public cryptography. Forgetting passwords is no longer a problem. End-users can easily get access to numerous applications without pre-installed software or a client app.

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TECHNOLOGY FEATURES:

Near Field Communication (NFC)
- Short range wireless technology
- Used for provisioning
- Self-powered (does not use the battery)
- Up to 848Kbps in the fastest ISO14443 transmission mode

Bluetooth® 4.0 Low Energy (LE)
- Optimized for lowest power consumption
- Multiple Hosts Handling
- Power output: -12dBm
- Range (typical): 3m
- Class 3

SECURITY SERVICES:

FIDO U2F BLE
- Online Authentication using Public Key Algorithm
- No 3rd party in the protocol
- No release of information without consent
- Registration on Multiple Sites

OATH - Online and Offline Authentication
- Based on HMAC, SHA-1
- HOTP – event based OTP
- TOTP – Time based OTP

SPECIFICATIONS

	Multi-purpose contactless Token
Base Model number	**ACTIVID BBT110P200 - OATH Time Based**
Communication	
Bluetooth®	Standard 4.0 Low Energy (LE)
Near Field Communication	ISO 14443
Human Interface	
Display	Up to 8 numerical characters
Keypad	1 button
Security Services	
FIDO	U2F BLE DEVICE - VERSION 1.0
OATH	Time-based algorithm (T-OTP) - Option for event based (HOTP)
Housing	
Dimensions	1.77"" X 1.53" X 0.44" (45 X 38 X 11 mm)
Weight	30 g (1.01 oz)
Operating System	
Microsoft	Windows 10
Operating Conditions	
Operating Temperature	14°-113° F (-10° to 45°C); 85% rH non-condensing
Storage Temperature	14° - 122° F (-10° to 50°C); 90% rH non-condensing
Battery Lifetime	Expected 5-years (calculation based on 10 uses per day)
Compliance and Regulatory	
Bluetooth® certification	QDL Bluetooth® Qualified Design Listing
Regional certifications	CE, FCC, UL
Environmental	WEEE, RoHS, Reach
Ordering information	
Warranty	One-year manufacturer`s warranty
Graphical Customization	Logo and color of the casing can be customized.

NFC   fido   Bluetooth®

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