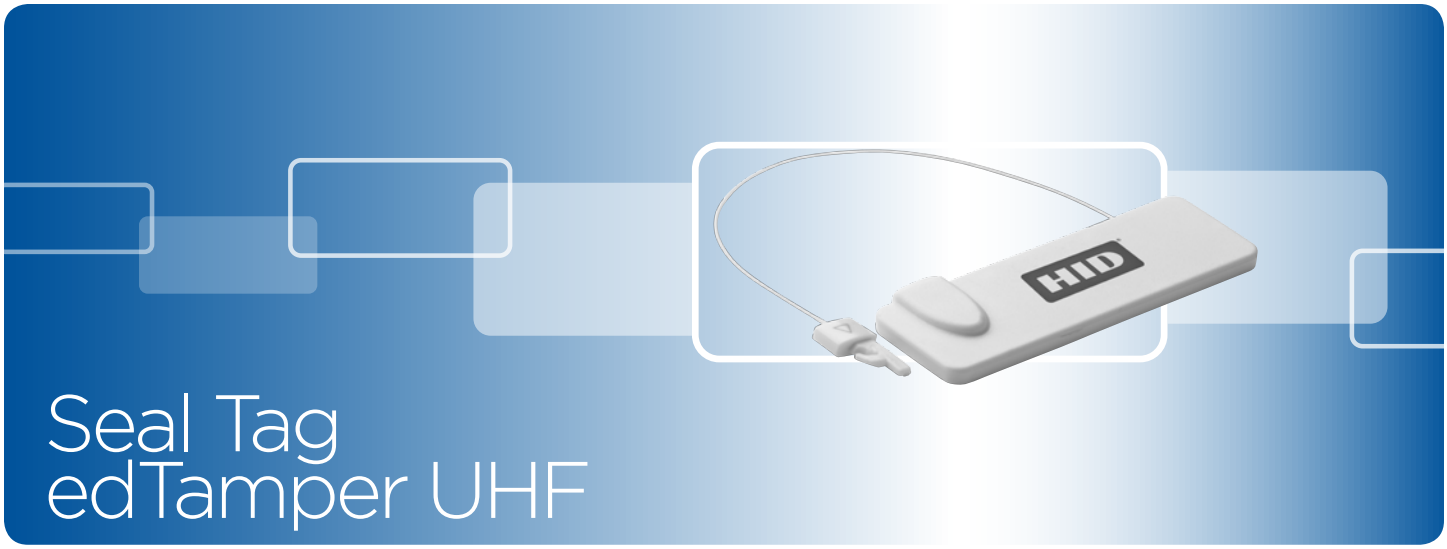
INDUSTRY AND LOGISTICS



Seal Tag edTamper UHF

RAIN® RFID Tags with integrated fasteners detect tampering without line of sight.

- Quickly detect and locate broken seals via RFID
- Broadband RAIN UHF tag delivers read ranges up to 6.5 ft (2 m)
- Fast and efficient to apply

HID Global's Seal Tag edTamper are tamper evident passive contactless RAIN® UHF transponders allowing detection of their seal status via RFID.

Visualizing the tag is not necessary to identify broken seals. The edTamper tags-provide a digital notification if a sealed tag has been compromised to quickly scan large sets of sealed items for integrity. Typical applications include sensitive and highly-secure items like, aircraft life vests or weapon/ equipment racks that require periodic safety and security checks.

Seal Tag edTamper are easily affixed by closing the robust wire loop through an opening similar to securing a padlock. After being sealed, a bit in the tag's memory indicates this status and can be detected with standard RAIN UHF RFID readers.

Once secure, the loop cannot be opened without breaking the wire. However, the pull strength has been optimized so that a human can break it when needed (e.g. to pull out the life vest), but the tag does not accidentally open.

The Seal Tag edTamper will continue to send its ID, but in addition digitally alerts a different status if the seal is compromised. Therefore, identifying a broken seal among a large amount of sealed items is quick and easy with the swipe of a UHF reader. This unique feature is in contrast to visually tamper evident tags that need physical examination to detect a broken loop or electrically tamper evident tags that stop working when the seal is broken.

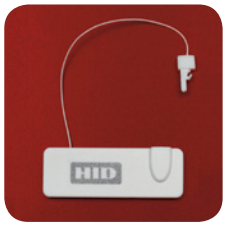
HID Global SealTag edTamper meet ATA Spec 2000 and other related standards to allow usage on aircrafts. The tags are flame resistant (self-extinguishing) and may be ordered personalized with custom encoding, laser engraved logos, Bar-/QR-code or text.

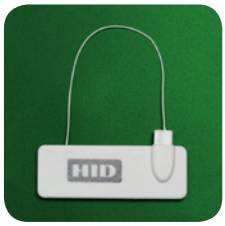
KEY TECHNOLOGY HIGHLIGHTS:

- Digital Tamper Evident – indicates broken seal via RFID
- Broadband 865 to 956 MHz
- UCODE G2iM+ IC with tamper alarm bit-flag
- Read range up to 6.5 ft (2 m)
- Meets UHF and aircraft standards
- Custom laser engraving and encoding options

TYPICAL APPLICATION AREAS:

- Asset tracking & Logistics
- Airline life vest status check
- Weapon rack access check
- Fire extinguisher maintenance
- Automated external defibrillators (AED) maintenance
- Etc.





Seal Tag edTamper provides current seal loop status via RFID

SPECIFICATIONS

	edTamper
	UHF
Base Model Number	6E5961
ELECTRONIC	
Operating Frequency	860-960 MHz (Worldwide)
Chip Type	UCODE G2iM+
Memory	112 bit user memory + 256 bit EPC + 96 bit TID
Anti-Collision	Yes
Reading Distance 2 W reader ERP, free space	Up to 6.6 ft (2 m)
PHYSICAL	
Dimensions	Tag: 1.53 × 0.55 × 0.14 in (39 × 14 × 3.6 mm) Seal wire: 3.07 in (78 mm)
Mounting Method	Integrated wire loop
Affixes To	Any material (hanging in free air)
Housing Material	PC/ABS
Color	White
Weight	0.07 oz (2 g)
CHEMICAL AND MECHANICAL RESISTANCE	
Flame Resistance	UL94V0 (self-extinguishing)
Vibration	IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]
Shock	IEC 68.2.29 (40 g, 18 ms, 6 axis, 2000 times)
Axial / Radial Force	500 N, 10 sec
Pull Resistance	> 10 N
Tag Bending	N/A
THERMAL	
Storage	-40° to +158° F (-40° to +70° C)
Operating	-40° to +158° F (-40° to +70° C)
Shock / Fatigue	-40° to +158° F (-40° to +70° C) , 100 x 5 min with 30 sec transition
OTHER	
Standards	UHF EPC Class 1 Gen 2, ISO 18000-6C, ATA Spec 2000 Chapter 9-5 (Version 2013), SAE AS5678 / DO-160
Options	Encoding, laser engraving
Box Size	800 pcs
Warranty	2 years

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