



PROVIDES EXTREME SECURITY & IDENTIFICATION IN SINGLE TAG

RFID XECURE TAG

WISERF RFID UHF Xecure tag is non-proprietary, high quality rewritable tag which helps library increase efficiency and productivity while maintain high security to the library materials.

Built-in radio frequency identification chip with an advanced RFID integrated slim and narrow circuit bonded, Xecure tag is designed to be inserted to book spine and become a “hidden tag” that always stay in the books. This special design helps to eliminate the possibility of tearing off the traditional square size RFID book label.

Xecure tag provides security and identification in single tag. With built-in tag memory, Xecure tag enable to store item ID, call number or book title and security information, which allows to be used as security, record management, circulation, inventory taking and book sorting purposes. Xecure tag helps libraries save cost because they do not need to

acquire EM strips and traditional RFID square label for each book anymore.

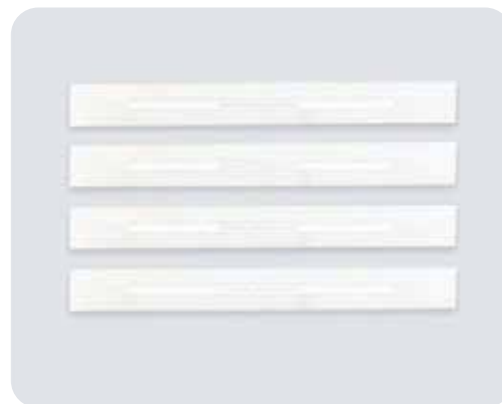
Xecure Tag is a passive tag and no battery is required. Its anti-collision algorithm allows multiple of tags reading simultaneously for fast check-in, check-out, tagging and inventory.

Xecure Tag built-in with identification and security bit that enable a RFID detection gate trigger an alarm if an improper checked-out item pass the RFID gate and able to show item ID in real time. It has featured with EAS and AFI security function. The tag access password feature to prevent unauthorized person to change tag data.

WISERF Xecure Tag W03 furnished with double-sided adhesive finishing with 40mm tail label at both ends of tag for easy handling during insert tag to book spine.

TECHNICAL SPECIFICATIONS

	W03	W08
Tag Antenna Dimension (mm)	95 x 3	95 x 3
Tag Dimension (mm)	135 x 7	108 x 7
Tag Label Dimension (mm)	215 x 7	135 x 7
Frequency	860-960MHz	860-960MHz
Operation mode	Passive	Passive
Protocol	EPC Class 1 Gen 2, Gen2V2, ISO/IEC 18000-63 (formerly known as 18000-6C)	
EPC Memory	496 bits	Up to 496 bits
User Memory	128 bits	Up to 752 bits
Adhesive Label	Double-sided adhesive tail label	Single-sided / double-sided
Data Retention	20 years	20 years
Programming cycles	100,000 times	10,000 times
Memory write speed	3.2 ms	1.05 ms
	(per write, blockwrite, lock or kill operation, for writing up to 32-bit)	
EAS, AFI protocol	Yes	Yes
3D omnidirectional reads	Yes	Yes
Tag focus anti-read redundancy	Yes	Yes
Tag data protection	Access/Kill	Access/Kill
Read sensitivity	-23.5 dBm	-24 dBm
Write sensitivity	-20.5 dBm	-22 dBm



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