

ICSD

Oberthur Cash Protection has developed the ICSD (In-Cassette Staining Device) to protect banknotes inside the ATM cassette against any physical attack, such as: explosions (gas / solid), ram raids, illegal opening, theft (removal) etc. All possible cassette functions (modes, activation sequences, etc.) are programmed within the cassette and managed by the Security Control Module (SCM), allowing clients to use the same pool of ICSD protected cassettes at any location and at any time.



Multi ATM
vendor
compatibility



Multi currency
compatibility



Easy and
reliable
operation



Effective and
proven crime
prevention
method



High banknote
staining
performance



High security ink



Modular design

SPECIFICATIONS

ICSD (Component integrated within the cassette lid)

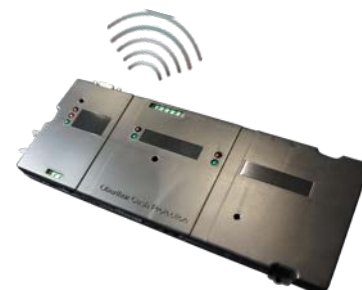
- Extremely fast and effective staining
- High security ink including infra-red marker
- Multiple sensors (temperature, 3G, acceleration, tilt, etc) to any physical attack
- No non-reversible modification of the cassette
- User-friendly status indicators (LED, buzzer)
- Makes NO use of any explosives



	Compatibility	Banknote substrate	Dimensions
In-Cassette Staining device (ICSD)	NCR, Wincor, Diebold, Hitachi, Fujitsu, Hyosung, Glory, GRG, Oki, etc..	Compatible with any banknote substrate (cotton, polymer or combination)	Integrated within the cassette lid. Designed to prevent loss of loading capacity

SCM (Component installed in the ATM)

- No modification of ATM required (will not invalidate ATM warranty)
- 1 x SCM per ATM
- Automatic detection of ATM's door opening to change security mode to loading/maintenance
- Flexible I/O bus to add peripheral devices (gas detection, dispenser circuit breaker, etc)
- Backup battery



	Communication protocols	Power	Dimensions
Security Control Module (SCM)	I2C, RS232, I/O	12V or 220V	23.5 x 263 x 107 mm (w x l x h)

ICSD range :



S1 / S2


 Opteva
Active
Dispense

 CMDV4
CINEO


ECRM


 GBRU
GBNA

 CST 7000
CST 1100
CDU 10
RC SLIM


BRM 10 RC



RC


 NC 301
RG7 / RG8

HIGH SECURITY INK

- High staining performance : 100% of banknotes and 20% of surface area of each note
- Fast ink staining response (milliseconds)
- High security ink :
 - including infra-red marker
 - cannot be removed (truly indelible)
 - tested and independently certified to meet international standards
 - non-hazardous (health and safety)
 - stained notes can be traced for ownership recognition

