

Hard Disk Specification:

Project	Specification
RFID Frequency	125KHz +/-6%
RFID Induction distance	5mm ~ 10mm
RFID Antenna	height 6.5 mm, diameter 8mm, Induction value: 5Uh
RFID Card reading rate	Under 1 Secretary
RFID Induction Card (TAG)	EM4 100/EM4 102/T5557 Compatible
USB Transmitting Interface	USB 1.1 and USB 2.0 Compatible
Support Hard disk Interface	SATA 1, SATA 2 Compatible
Power Adapter	5V
Reminding Sound	1. Silence express system enter into unencrypted mode 2. Short sound once express system enter into encryption mode and wait for authentication 3. Short sound three times, Long Sound once express system enter into encryption mode. 4. Long sound once express authentication is wrong. 5. Short sound twice express authentication is successfully. 6. Consecutive short sound express that it connect the fourth hard disk as encryption disk.
Connection interface indicator light	Indicate Green light when connect power, Red light shining indicate hard disk storing and fetching
Frontpiece indicator light	1. Double light all are not shining: unencrypted Hard disk mode first induced card. 2. Red light flickers fast: waiting for initializing authentication the first induced card. 3. Green light flickers fast: waiting for initialization authentication the second induction card. 4. Red light flickers slowly (1 second interval): Induction error is delayed or busy, induces delay.
Busyness induction delay	when hard disk is busy (reading and writing time), it needs delay 5 seconds and then induce locked hard disk.
Induction error delay	Wrong 3 times and delay 3 minutes, wrong 6 times and delay 5 minutes, wrong above 9 times (include) delay 10 minutes.
Induction Card Initialization protection	When Initialization is encrypted, should induce the second card within 3 minutes
Encryption hard disk number	1. Support three different hard disk encryption. 2. The fourth hard disk have encrypted hard disk, system can not use, and show it by consecutive short sound. 3. The fourth hard disk is deleted disk partition. common external enclosure use (can not initialization encryption) will not be able to connect encrypted hard disk. 4. common external enclosure use.

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Hard Disk Specification:

Project	Specification
Encrypt and decrypt induction card number	two pieces induction card
Readable and writable (delete partition part)	unencrypted hard disk
Data encrypted Key length	128Bit
EEPROM Protection way	AES 128Bit encryption
Data encrypted mode	Substandard encrypted figure method
Hard disk unlock (code)	Induction card induce
Hard disk lock (code)	Pull out USB connection/ induction card induce again/ remove hard disk safely (OS)
Work system	Windows 2000/XP, Mac OS9/X
File format	FAT, FAT32, NTFS

LED light Elucidation

RFID is short of Radio Frequency Identification, one kind of auto identification technology. It identifies objects by frequency signal automatic and gets relevant data, can work in any serious environment without controlling.

RFID technology identify moving objects at high speed, at same time, identify many labels, fast and easy operation.

RFID system composition: read&write unit and electronic transceiver. Reader sends electro-pulse by antenna, transceiver receive this pulse and respond stored information to reader.

LED lights indication:

Power LED: turns green when it's OK, and HDD LED flash red when works

Front-face RED light: turns red meaning waiting, meanwhile green

light is out.

Front-face Green light: turns green: meaning it's OK, meanwhile red is flashing

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