

Barnes 60H Reader

Motorised Triple Interface Reader for Batch Testing. Reads Magnetic Stripe, Chip and Contactless Data for further analysis by the associated Barnes CPT Batch software.

The new Barnes 60H Motorised Triple Interface Reader allows you to gain efficiency when testing batches of cards. You can stack up to 60 embossed cards for testing and free up staff to perform other work while the tests are performed without further user intervention. The Barnes 60H Motorised Triple Interface Reader working with Barnes CPT Batch software for card validation, enables card Issuers and Personalisation Bureaus to test that personalisation data on all or any one of the card data interfaces (magnetic stripe, chip, contactless) is correct, preventing costly defective cards being shipped to the end customer. The reader is fully motorised and robustly built to meet the high demands of Card Personalisation Bureaus, Card Developers and Laboratories.



Solution Highlights

- Quickly tests that data on the chip and magnetic stripe are correct and valid according to issuer profiles and all major payment scheme specifications.
- Supports magstripe, contact and contactless cards.
- Essential in all EMV chip card issuing, personalisation, implementation and support operations.

LCD screen



Dual Hopper option with lock

100 un-embossed cards
or 60 embossed cards

Specifications

Card Type – PVC & Composite PVC		Mag. & IC
Magnetic Stripe Head Life: 4,000,000 passes	ISO/IEC 7811	Tr. 1
	Hi-Co/Lo-Co	Tr. 2
		Tr. 3
IC Card IC Contact Life: 1,000,000 passes	ISO 7816, EMV, PC/SC	
	Card Width/ Length	53.98mm (W) x 85.60mm (L)
	Card Thickness	0.4mm – 1.2mm
	Protocol Handling	T=0,1
	EMV	Ver. 4.0 approved
	IC Contactless (RF) MiFare, ISO 14443 A, B ISO15693	Optional
Card Capacity		Input hopper: 100 cards (.076mm) Output hopper: 60 cards (0.76mm)
Interface		USB 2.0, built in 10/100 ethernet Wifi (optional)
Power Supply		Input: +100V-240V, 50/60Hz Output: DC24V, 2.5A
Reader Dimensions (mm)	W	184
	D	366
	H	228
Warranty		30 months
Notes		LCD screen, motorised insertion, security lock option

THE BARNES ADVANTAGE

Barnes is the chosen test tool of Banks & Issuers, Card Manufacturers, Personalisation Bureaus and Test Laboratories worldwide.

Here are some reasons why:

BUSINESS AGILITY

Barnes test tools are easy to use by both technical and non-technical users, and speed up card development and payment scheme certification.

COST ELIMINATION

The high business costs and wasted resources of producing and issuing invalid cards are eliminated.

RISK REDUCTION

The reputational risk of issuing invalid EMV cards to end customers is reduced.

FUTURE PROOFED

Barnes works in partnership with all major payment schemes. As scheme rules evolve, Barnes rapidly makes available updated test script packs to customers via the Barnes website.

SERVICE EXCELLENCE

Our clients have every confidence that, whatever their test requirement, the Barnes team is always on-hand to deliver expert advice and fast support.

Associated Solutions

EMV Card PVT – CPT Batch / CPT 3000v3CL

Validates data on chip and magnetic stripe are correct and valid according to issuer profiles, and payment scheme specifications

Validates contactless cards and ensures that dual interface cards deliver consistent information over both interfaces.

PersevalPro EMV PVT

Validates data on chip and magnetic stripe are correct and valid according to Payment Scheme Certification Specifications, issuer requirements and QC test scenarios.

Technical Specification

Software:

- OS: Windows 7 and 10 (32-bit and 64-bit)