



## 60H Reader Barnes Chip Card 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.



AMERICAN  
EXPRESS

DISCOVER

JCB

mastercard

VISA

## THE BARNES ADVANTAGE

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

### 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 updated test script packs available 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.



## FEATURES AND BENEFITS

Card Type – PVC & Composite PVC			Mag. & IC
Magnetic Stripe Head Life: 4,000,000 passes	ISO/IEC 7811 Hi-Co/Lo-Co	Track 1	Read
		Track 2	Read
		Track 3	Read
IC Card IC Contact Life: 1,000,000 passes	ISO 7816, EMV, PC/SC		Read / Write
	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

## 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 SPECIFICATIONS

### Software

- OS: Windows 7, 10 & 11 (32-bit & 64-bit)