

# MAGICARD

secure ID card printers

# Avalon

## COLOR ID CARD PRINTER



**Proven Magicard security and reliability in a great value package.**

If you want to print great quality cards again and again, then the Magicard Avalon is for you. It's easy to setup and use with all Windows drivers supplied, and will provide you with reliable printing for years to come.

The Magicard Avalon features our patented HoloKote™ and HoloPatch™ card security which protects your cards against unauthorized copying.

100 card capacity input hopper and 50 card capacity output stacker for batch printing.

Competitively priced high-quality color and monochrome ribbons.



**Edge-to-edge full color printing** with a high quality image printed right to the edge of the card in 35 seconds.



option

**Mag stripe encoding** with the Avalon 105 with its built-in magstripe encoder.



**HoloKote™** is an anti-copying watermark across the entire card surface that becomes visible when the card is viewed at an angle. The Avalon HoloKote™ features a standard 'globes' design.



**HoloPatch™** works with HoloKote™ to produce a highly-visible gold seal on the card, printed using special card stock.



option

when security really matters



# MAGICARD

## Avalon<sup>☆☆</sup>

Color ID Card Printer

### Consumables: Drop in ribbon

Simple drop-in ribbon comes in 250 image color or 350 image color.

1000 image monochrome ribbon is available in black, red, blue, green, gold, silver or white.

#### Specifications

#### Avalon 100 ID Card Printer (Part No. M9006-644)

##### Print Speed

Prints a full color edge-to-edge image in 35 seconds, and a monochrome image in 6 seconds.

##### Card security

The user can choose whether to print a HoloKote™ anti-copying watermark across entire face of card. When used with HoloPatch™ cards one area of the HoloKote™ watermark is highlighted as a high visibility security seal.

##### Warranty

One year limited warranty.

##### Data Interface to PC

USB rev1.1 (USB 2.0 compatible).

##### Software drivers

Windows 98, ME, 2000, XP (all supplied with printer).

##### Dyefilm types

AV1 : Full color, resin black, & overcoat (YMCKO) 250 images per roll (Part No. M9006-566).

LC1 : YMCKO 5 panel dye film 350 images per roll (Part No. M9005-751).

LC3 : Monochrome resin black 1000 images per roll (Part No. M9005-753).

Range of color ribbons (red, blue, green, gold, silver or white) 1000 images per roll.

LC6 : Black & overcoat (KO) dye film 600 images per roll (Part No. M9005-756).

##### Card types

Prints on all standard PVC ISO CR80 sized cards. HoloPatch™ cards available.

##### Card thickness

0.015" to 0.063" (0.38mm to 1.6mm).

##### Card capacity

100 cards feed hopper, 50 cards output stacker.

##### Printhead

300dpi field replaceable.

##### Power Source

Internal power supply 90-265V 47-63Hz autoranging.

##### Dimensions

7.5" L x 7.9" W x 8.7" H (445mm L x 200mm W x 220mm H).

##### Weight

15.8lbs (7.2kg).

##### Color

Metallic Silver/Purple.

##### Operating environment

Sheltered Office environment 50°F to 85°F (10°C to 30°C).

#### Avalon 105 ID Card Printer with HiCo Magstripe Encoder (Part No. M9006-654)

##### Print speed

Prints a full color, edge-to-edge image and magnetically encodes and verifies HiCo magnetic stripe in around 40 seconds.

##### Card stock types

HiCo magnetic stripe PVC ISO CR80 sized cards. HoloPatch™ magnetic stripe cards are available.

Magicard Avalon, UltraCoverplus, HoloPatch and HoloKote are trademarks of Ultra Electronics Limited. Windows '98, ME, NT4, 2000 and XP are trademarks of Microsoft Corporation. The information contained in this document reflects the current state of design and we reserve the right to change the specification without notice or obligation.

**ARAS Security B.V.**  
 Thomas Edisonweg 5  
 5151 DH Drunen  
 Tel. +31-416-320042  
 Fax. +31-416-379500

e-mail : sales@aras.nl  
 website : www.aras.nl / www.magicard.nl

