



## Avansia Specifications

### General specifications

- Dual-sided printing (standard), over the edge printing
- Reverse transfer printing
- Over the edge printing
- 600 dpi print head (23.6 dots/mm)
- Bitmap: 24 bits, R/G/B 256 levels
- Printout: Y/M/C 256 levels
- 64MB Memory (RAM)
- 2-line LCD display and status LED

### Printing Speed<sup>1</sup>

#### Full card:

- Single side (YMCK) 25 s per card – 144 cards/hour
- Dual side (YMCKK) 37,5 s per card - 96 cards/hour

<sup>1</sup> Time measured from the card's insertion detected by the sensor until the engine stops during ejection.

### Cards management & specifications

- Card feeder 250 cards (0.76 mm – 30mil)
- Card output hopper 250 cards (0.76mm – 30mil)
- Reject tray capacity: 30 cards (0.76 mm – 30 mil)<sup>2</sup>
- Reject box Standard with encoding options
- Card thickness 0.76 mm (30 mil)  
Manual adjustment possible
- Card types PVC, Composite PVC, PETF, PET-g, PC, ABS
- Card format ISO CR80 - ISO 7810  
(53.98mm x 85.60 mm – 3.370" x 2.125")

<sup>2</sup> Delivered with any printer including encoding option(s)

### Ribbons

To maximize the quality and durability of printed cards, the lifespan of the print head and the overall printer reliability, use Evolis High Trust® ribbons.

- Ribbon capacity:
  - Clear Transfer Film 500 prints/roll
  - Holographic Transfer Film 400 prints/roll
  - YMCK 500 prints/roll
  - YMCKK 400 prints/roll
  - YMCKH (for PC, ABS, PET-g cards) 400 prints/roll
  - YMCFK (F=UV ink) 400 prints/roll
  - YMCKI (for smart and mag stripe cards) 400 prints/roll



### Connectivity / ports

- USB 2.0
- Ethernet TCP-IP 10BaseT, 100BaseT (Traffic Led)

### Information display

- Printer status LCD
- Printer graphical notifications (depends on the Windows version):
  - Empty input hopper
  - Empty/low level ribbon alert
  - Etc.

### Software

- Compatible with Windows: XP SP2 32; Vista 32, W7 32/64, W8 32/64; W10 32/64

### Warranty conditions<sup>3</sup>

- 3-year warranty for printer
- Lifetime warranty on print head

<sup>3</sup>Warranty subject to observance of specific conditions and use of Evolis High Trust<sup>®</sup> ribbons

### Weight and dimensions

- Size (H x W x D): 436 x 340 x 297 mm (17.16" x 13.38" x 11.69")
- Weight: 20 kg (44.09 lbs)

### Sound (Evaluated according to the ISO 7779 standard)

Sound pressure in assistant positions LpAm (color mode YMCK)

- When operating: 53dB
- While waiting: 45dB

### Security features

- RFID locking key
- Mechanical locking system (optional)
- Support for Kensington<sup>®</sup> type security lock

### Ship kit content

- Printer
- USB cable
- Power cord (Region specific)
- Card output hopper
- CD-ROM with printer drivers, user manuals, quick start guide, warranty leaflet
- Cleaning kit



### **Additional encoding modules**

- ISO 1, 2 and 3 magnetic stripe encoder
- Dual contact and contactless encoders
- Encoder connectivity: internal USB hub, 1 port available
- Encoding options can be combined
- Factory order only for Mag encoder
- Factory order and on site installation (through ERC partner) for dual encoders

### **Certifications & regulatory compliances**

- CE, FCC, UL, IEC
- ROHS

### **Power source**

- Power supply: AC90-125V, 220-240V, 50-60Hz

### **Environmental conditions**

- Min/max operating temperature: 15° / 30° C (59° / 86 °F)
- Humidity: 20% to 80% non-condensing
- Min/max storage temperature: -20° / +60° C (-4° / 140° F)
- Storage humidity: 20% to 90% non-condensing
- Operating ventilation: free air