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 Speed¹

Full card:

- Single side (YMCK) 25 s per card – 144 cards/hour
- Dual side (YMCKK) 37.5 s per card - 96 cards/hour

¹ 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 – 30 mil)
- Card output hopper 250 cards (0.76mm – 30 mil)
- Reject tray capacity: 30 cards (0.76 mm – 30 mil)²
- 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”)

² 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
- 3-year warranty for printer
- Lifetime warranty on print head

3 Warranty subject to observance of specific conditions and use of Evolis High Trust® 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® 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