Add color images, graphics, and variable data to envelopes and documents for more effective communication with the new HP Color Print Module—a modular print solution that easily and cost-effectively integrates into your existing equipment.

**Excellent color print quality at high speeds**
Increase promotional effectiveness and response rates with high-speed, high-quality variable color added to envelopes and Web printed pages. Produce color images, graphics, and variable data 600 dpi (600x300 dpi optimized from 300x300 input) at 400 fpm with four 4.25" printheads.
- See high-quality color output that is delivered quickly
- Self-servicing printheads from HP optimize color quality and enable consistent, reliable operation
- Achieve quality color and save time with HP inks and two self-switching 775-ml ink containers for each color

**Affordably add process color to your envelopes and documents**
Offering a low total cost of ownership, the HP Color Print Module is an affordable option for adding process color, especially versus standalone equipment. Plus you save time and money with automatic maintenance and low processing costs.

**Print modularity—designed for easy integration**
The HP Color Print Module has a modular design to easily integrate with your existing equipment and workflow.
- Easy to integrate with your existing analog or finishing equipment
- Flexible implementation—integrate the HP Color Print Module where it’s most convenient for your workflow
# TECHNICAL SPECIFICATIONS

## GENERAL DESCRIPTION

TIJ 4 print system for process color variable data printing with four easily replaceable printheads including:
- Intelligent Print Driver (IPD)
- Intelligent Ink Supply Station (I2S2)
- Intelligent Service Station (ISVS)
- Backend data pipeline (IPIPE)

## NOZZLES

- 4 x 5 die TIJ 4 printheads (one per color)
- 2 columns per printhead @ 5,280 nozzles each
- 10,560 nozzles total per printhead
- 42,240 total nozzles per print module

## PRINT SWATH

- 108 mm (4.25”)

## RESOLUTION

- 600 dpi (600x300 dpi optimized from 300x300 input)

## DROP SIZE

- 6-9 ng/drop (depending on ink type)

## PRINT SPEED

- Up to 2 m/sec (400 fpm)

## TIME BETWEEN PAGES

- 50 ms minimum

## IMAGE PROCESSING TIME

- 22 ms/Mpixel @ 300x300 input resolution

## INK TYPES AVAILABLE

- Dye-based

## INK COLORS

- Cyan 6 ng drop
- Magenta 6 ng drop
- Yellow 6 ng drop
- Black 9 ng drop

## BULK INK SUPPLIES

- 2 hot-swappable 775 ml ink supplies per color

## COLOR CAPABILITIES

- CMYK process color

## PRINthead IDENTIFICATION

- Smart chip

## PRINthead SERVICING

- Automated servicing (wiping, capping, spitting)
- Servicing requirements: ~30 seconds each hour

## PEN TO PAPER SPACING

- 1.2 - 2.0 mm for optimum print quality

## PRINthead ORIENTATION

- Printing vertically downward

## PRINthead REPLACEMENT TIME

- <5 MIN

## PRINthead SHELF LIFE

- 18 months in original packaging

## PRINthead LIFE

- ~30 liters/printhead

## OPTIMUM OPERATING ENVIRONMENT

- 15-35 °C, 20-80% RH

## IMAGER DIMENSIONS

- 483 mm (19”)H x 432 mm (17”)D x 508 mm (20”)W

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This is a preliminary datasheet and contents may be subject to change.

For more information visit: [http://www.hp.com/go/oeminkjet](http://www.hp.com/go/oeminkjet)

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