



TROY m451 SecureUV Printer



Multiple Document Security Features

The TROY m451 SecureUV Printer offers the ability to customize and combine printed elements of a document with multiple visible and invisible security features. Users can combine MicroPrint, TROYMark™, and TROY Pantograph security features with SecureUV features to create customized print security that can be added to existing pre-printed forms or printed on standard blank paper.

Major Selling Points

- Customize security features on virtually any valuable document by combining visible and invisible security features.
- Includes software to add MicroPrint, Pantograph, and TROYMark™ document security features.
- Includes SecureUV to print covert security features which are visible only in UV light.
- Add security to existing pre-printed forms for greater fraud protection.
- Reduce costs by eliminating the need for pre-printed forms.
- Uses either HP or TROY cartridges allowing users the options to switch to a full color laser printer for daily printing needs.

TROY MicroPrint - Customizable TROY microprint indicates a copy under magnification.

TROYMark™ - A “watermark” of user defined data is printed diagonally to prevent fraudulent alteration.

Print TROYMark™ in SecureUV for an easy method of authentication.

TROY Pantograph - A hidden COPY message, printed behind document information, is revealed when photocopied.

Plain Paper - Users have the option of adding multiple security features directly to plain paper, eliminating the need for expensive pre-printed stock.

Add new covert security features to high value laser printed documents

- Government Issued Certificates
- Government Identity Documents
- Tickets
- Corporate Contracts
- Certificates of Authenticity
- Judicial / Legal Documents
- Medical Applications
- Vital Records
- Titles of Ownership
- Educational Reports, Certificate and Diplomas





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TROY Features



TROY MicroPrint Font
Font appears as a fine line to the unaided eye; visible only under magnification.



TROY Copy Evident Pantograph
Hidden feature reveals COPY across a photocopied version of document.



TROYMark™
A diagonal watermark of user defined data prevents alteration.



TROY SecureUV Invisible Print
Printed security features which are invisible in normal light but fluoresce under UV verification.

Part Number	Description	#Trays/#Sheets Each/#Locks	Shipping Dimension & Weight
01-06451-102	TROY m451 SecureUV Printer (220V)	1/500/No Lock	24x20x18 59lbs (26.8kg)
HP-CF106A	m451 LaserJet Accessory Tray	1/250/No Lock	24x19x10 10lbs (4.5kg)

Part Number	Description	Page Yield*	Shipping Dimension & Weight
02-83000-300	TROY m451 SecureUV Toner Cartridge	2,250	13x8x5 3lbs (1.4kg)
HP-CE410A	HP Original Black Toner Cartridge	2,200	15x5x5 2lbs (1kg)

*based on 5% letter coverage

General Specifications

Print Speed Black, Color (Letter)	ISO/Best Quality Up to 21 ppm
First Page Out	As fast as 17 sec black and color from ready mode
Processor	600 MHz
Paper Trays, Std	2
Paper Trays, Max	3
Input Capacity, Std	300 sheets
Input Capacity, Max	550 sheets
Output Capacity, Std	150 sheets
Output Capacity, Max	150 sheets
Envelope Input, Std	10
Envelope Feeder	No
Two-Sided Printing	Automatic (standard)
Typefaces	80 scalable TrueType fonts
Prints Color	Yes (Full color with standard HP cartridge, Partial color when TROY UV Cartridge installed)
Print Quality, Color Best	Up to 600x600 dpi
Print Resolution Technology	HP ImageREt 3600
Print Languages, Std	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation
Printer Management Windows	HP Device Toolbox (default install),
Display Type	2-line LCD (text)
Duty Cycle	Monthly Up to 40,000 pages
Recommended Monthly Volume	750 to 2,000 pages
Media Types	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, transparencies, labels, envelopes
Media Sizes, Std	Manual feed Tray 1: letter, legal, executive, 8.5 x 13 in, 3 x 5 in, 4 x 6 in, 5 x 8 in, envelopes (No. 10, Monarch); Tray 2, optional Tray 3: letter, legal, executive, 8.5 x 13 in, 4 x 6 in, 5 x 8 in, envelopes (No. 10, Monarch); automatic duplexer: letter, legal, executive, 8.5 x 13 in
Media Sizes, Std, Metric	Manual feed Tray 1: A4, A5, A6, B5 (JIS), 16K, 10 x 15 cm, postcards (JIS single, JIS double), envelopes (ISO DL, ISO C5, ISO B5); Tray 2, optional Tray 3: A4, A5, A6, B5 (JIS), 16K, 10 x 15 cm, postcards (JIS single, JIS double), envelopes (ISO DL, ISO C5, ISO B5); automatic duplexer: A4, B5
Media Sizes, Custom	Manual feed Tray 1: 3 x 5 in to 8.5 x 14 in; Tray 2, optional Tray 3: 3.94 x 5.83 in to 8.5 x 14 in
Media Sizes, Custom, Metric	Manual feed Tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional Tray 3: 100 x 148 to 216 x 356 mm
Media Weights	Manual feed Tray 1: 16 to 47 lb (up to 58 lb with HP color laser glossy photo papers); Tray 2, optional Tray 3: 16 to 43 lb (up to 47 lb with postcards, up to 58 lb with HP color laser glossy photo papers); automatic duplexer: 16 to 43 lb
Media Weights, Metric	Manual feed Tray 1: 60 to 176 g/m ² (up to 220 g/m ² with postcards and HP color laser glossy photo papers); Tray 2, optional Tray 3: 60 to 163 g/m ² (up to 176 g/m ² with postcards); automatic duplexer: 60 to 163 g/m ²
Connectivity, Std	Hi-Speed USB 2.0, Fast Ethernet 10/100Base-TX network
Connectivity, Opt	None
Memory, Std	128MB
Memory, Max	384 MB
Power Supply Type	Internal (Built-in) power supply
Power Supply Required Input voltage	110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz)
Printer Dimensions (W x D x H)	15.9 x 27.1 x 12.7 in (maximum), 15.9 x 19.1 x 12.7 in (minimum)
Printer Weight	52.1 lb
Printer Dimensions, Metric	405 x 689 x 322 mm (maximum), 405 x 484 x 322 mm (minimum)
Printer Weight, Metric	23.64 kg

Contact



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