

d-Color

EFFICIENCY, SECURITY AND PRODUCTIVITY

The current working environment, marked by constant transformation, compels companies to respond to increasing pressures. It is essential to promote workplace health, ensure secure communications, without compromising operational efficiency or cost control.

The d-Color MF759en multifunction printer, with a print speed of 75 pages per minute in black and white, has been engineered precisely to meet these complex demands, achieving an ideal balance between technological innovation, operational efficiency, and advanced security. The d-Color MF759en combines processing power and flexibility thanks to its 1.6 GHz ARM Cortex A72 Quad Core CPU, 8 GB of RAM, and a 256 GB SSD, ensuring high-level performance and smooth workload management. Additionally, its single-pass duplex scanning speed of up to 280 ipm (A4, 200 dpi, both in black and white and in colour) maximises speed and efficiency in digitisation operations.

Data storage is fast and flexible thanks to the **standard 256 GB SSD**, expandable up to 1 TB (EM-908 option).

For more demanding users, **the optional Fiery Controller: IC-420** offers advanced control over workflows and professional-level print quality.



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Configuration with FS-540SD Finisher and RU-519 Relay Unit; JS-602 Job Separator



Configuration with FS-540SD Finisher and RU-519 Relay Unit; PI-507 Post Inserter; LU-205 Large Capacity Tray

VERSATILITY AND ADVANCED FUNCTIONALITY

The **versatility** of the d-Color MF759en is further enhanced by a wide range of optional accessories designed to meet even the most specific requirements. Optional finishers such as the **FS-539** (3,200 sheets, 50-sheet stapling) and **FS-540** (3,200 sheets, 100-sheet stapling), together with the **ZU-609** Z-Fold Unit, allow the production of a wide variety of professionally finished documents, streamlining document management and increasing productivity. User interaction is also designed for maximum efficiency: the **user interface** features an intuitive drag-and-drop function typical of mobile devices, enabling users to easily organize applications into custom folders (by theme or frequency of use). This system simplifies and accelerates access to desired functions, making printer operation faster and more intuitive than ever.

TECHNOLOGICAL INNOVATION FOR EFFICIENT WORKFLOW MANAGEMENT

The integrated **IM-503** IntelligentMedia Sensor automatically optimizes paper settings based on type and thickness, ensuring maximum print quality. Additionally, the optional **OT-514** output tray features advanced sensors that actively reduce paper jams and enhance overall reliability, ensuring smooth and uninterrupted workflow management. The optional **FS-P04** external stapler increases versatility by offering users a practical, compact solution—perfect for those who only need stapling functionality without requiring a larger finishing unit.

ADVANCED SECURITY FOR DATA PROTECTION

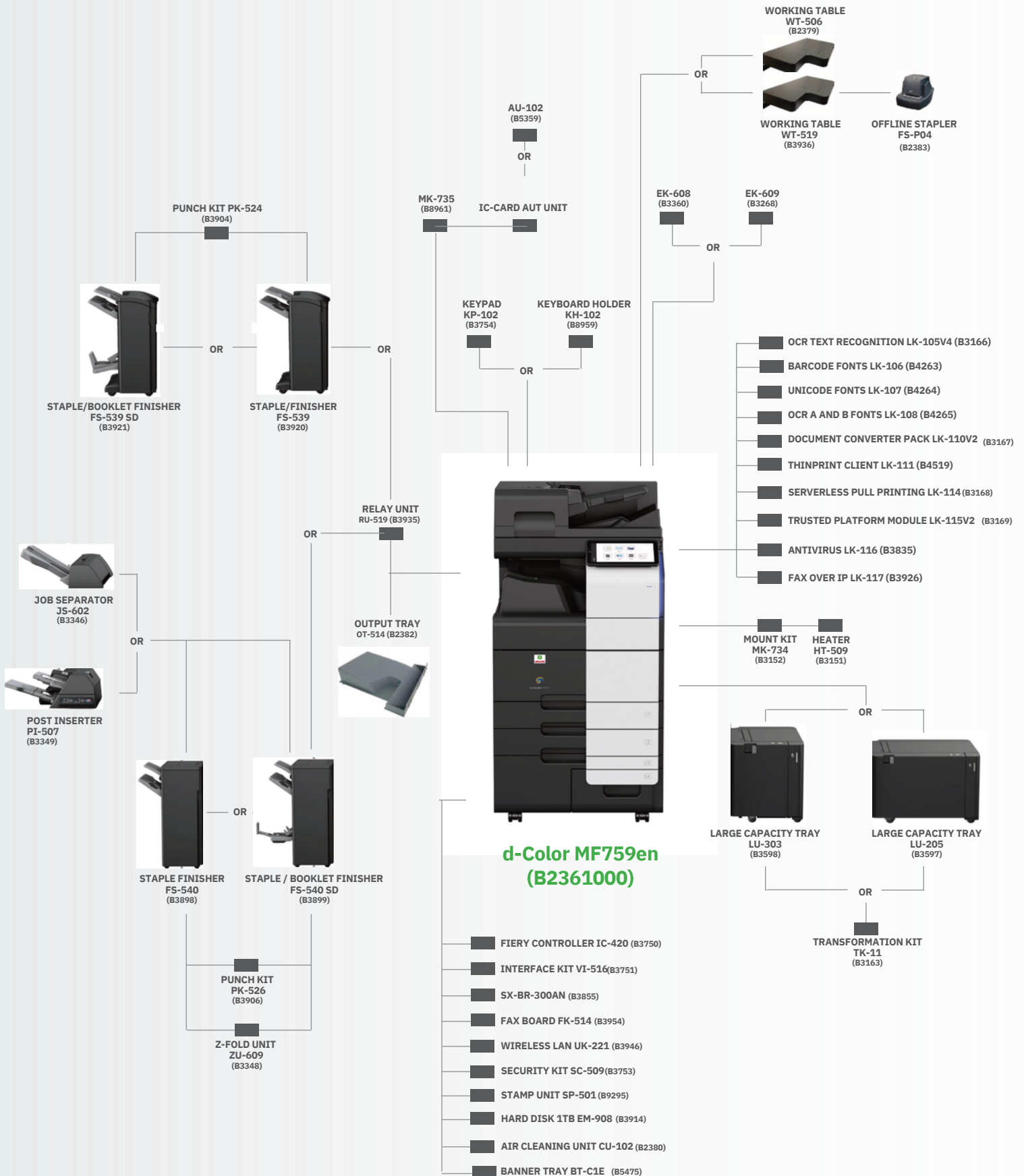
With the d-Color MF759en, corporate data security and print operation protection are top priorities. The device safeguards access through sophisticated authentication systems, allowing users to choose between PINs, passwords, ID badges (optional), and the advanced AU-102 biometric authentication (optional). Only authorized users can access its functions.

Peace of mind is also ensured by automatic data overwriting which permanently deletes sensitive information stored on the drive, while advanced encryption (AES 256) secures all print data, guaranteeing maximum document confidentiality.

The d-Color MF759en provides strict network security control. Access can be managed via **IP filtering** and **selective port blocking** to prevent intrusions. Communications are protected by **IPsec** and **SSL/TLS** encryption protocols, securing data in transit.

An additional layer of protection comes from **IEEE 802.1X authentication**, which allows only authorized devices to connect to the network. The **Authentication Log** further enhances proactive security by monitoring activity and detecting suspicious access attempts.

CONFIGURATION DIAGRAM



TECHNICAL SPECIFICATIONS

GENERAL

Type: Console,
Printer/Scanner/Copier **Panel size / resolution:** 10.1" / 1024 x 600
CPU: ARM Cortex A72 CPU Quad Core 1.6GHz
RAM: 8 GB standard
Hard disk capacity: 256 GB SSD (standard) / 1 TB SSD (optional)
Interfaces: Ethernet 10/100/1000-Base-T; USB 2.0; Wi-Fi 802.11 b/g/n/ac (optional)
Network protocols: TCP/IP (IPv4 / IPv6); SMB; LPD; IPP; SNMP; HTTP(S); Bonjour
Max./min. paper size: SRA3 to A6R, banner (1200 x 297 mm)
Automatic Document Feeder: Standard, single-pass duplex, 300-sheet capacity, A6-A3, 35-210 g/m² **Paper weight:** 52-300 g/m²
Paper capacity (standard / max): up to 3,650 sheets / up to 6,650 sheets
Paper drawer capacity (standard): 1x 500 sheets; formats A6-A3; custom sizes; 52-256 g/m²
1x 500 sheets; A5-SRA3; custom sizes; 52-256 g/m²
1x 1,500 sheets; A5-A4; 52-256 g/m²
1x 1,000 sheets; A5-A4; 52-256 g/m²
Large capacity trays (optional): 1x 3,000 sheets; A4; 52-256 g/m² (LU-303)
1x 2,500 sheets; A4-SRA3; custom sizes; 52-256 g/m² (LU-205)
Manual bypass: 150 sheets; A6-SRA3; custom sizes; banner; 60-300 g/m²
Automatic duplex: A6-SRA3; 52-256 g/m² **Finishing options (optional):** Offset; Grouping; Sorting; Stapling; Offline stapling; Hole punching; Half-fold; Tri-fold; Booklet; Post-insertion; Z-fold **Output tray capacity (standard):** up to 250 sheets
Output tray capacity (optional): up to 3,300 sheets
Stapling: up to 100 sheets or 98 sheets + 2 cover sheets (up to 300 g/m²)
Staple output capacity: up to 200 sets **Tri-fold:** up to 3 sheets
Tri-fold output capacity: up to 50 sets; unlimited (without tray)
Booklet folding: up to 20 sheets or 19 sheets + 1 cover (up to 300 g/m²)
Booklet output capacity: up to 35 sets; unlimited (without tray)
Print volume (monthly): Rec. 80,000 pages; Max. 300,000 pages
Power consumption: 220-240 V / 50/60 Hz; less than 2.10 kW
System dimensions (W x D x H): 615 x 688 x 1207 mm (without options)
System weight: approx. 160 kg (without options)

COPY FUNCTIONS

Technology: Laser
Toner technology: Polymerized toner
Copy speed A4 (mono / color): Up to 75/70 ppm (mono/color)
Copy speed A3 (mono / color): Up to 37/35 ppm (mono/color)
First copy time (mono/color): 2.8 / 3.8 sec. (mono/color)

Warm-up time: Approx. 13 / 14 sec. (mono/color)
Copy resolution: 600 x 600 dpi
Gradients: 256 levels
Multiple copies: 1-9,999
Original size: Max. A3
Zoom: 25-400% in 0.1% increments; Auto zoom

PRINT FUNCTIONS (Optional)

Print controller: Embedded Fiery IC-420 v2
Controller CPU: Intel Celeron G4900T @ 2.9 GHz
Memory/HDD: 256GB SSD (standard) / 1 TB SSD (optional)
Page description language: Adobe PostScript 3 (CPSI 3020); PCL 6; PCL 5c
Operating systems: Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows 11; Windows Server 2022; macOS 10.14 or later

SCAN FUNCTIONS

Scan speed (mono / colour): Up to 140/140 ipm simplex, up to 280/280 ipm duplex
Scan resolution: Up to 600x600 dpi
Scan modes: Scan-to-Email (Scan-to-Me); Scan-to-SMB (Scan-to-Home); Scan-to-FTP; Scan to Box; Scan-to-USB; Scan-to-WebDAV; Scan-to-DPWS; Scan-to-URL; TWAIN Scan
File formats: JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS; Compact XPS; PPTX; Searchable PDF (optional); PDF / A 1a and 1b; Searchable DOCX / PPTX / XLSX (opt.) **Scan destinations:** 2,000 single +100 group; LDAP support

FAX FUNCTION (FK-514)

Optional)
Fax standard: Super G3
Fax transmission: Analogue; i-Fax; Colour i-Fax; IP-Fax
Fax resolution: Up to 600 x 600 dpi **Fax compression:** MH; MR; MMR; JBIG **Fax modem speed:** Up to 33.6 Kbps **Fax destinations:** 2,000 single + 100 group

USERS BOX

Document storage: Up to 3,000 documents or 10,000 pages
User box types: Public; Private (password or authentication access), group (authentication access)

System box types: Secure print, Encrypted PDF printing, Fax reception, Fax polling

SYSTEM FEATURES

Security functions (standard): ISO 15408 HCD-PP Common Criteria (in evaluation); IP filtering and port blocking; SSL3 and TLS1.1/1.2/1.3 network communication; IPsec support; IEEE 802.1x support; User Authentication; Authentication Log; Secure Print; Kerberos; Data Overwrite; Data Encryption (AES 256); Confidential Fax Reception; User print encryption.

Security functions (optional):

Antivirus with real-time scanning (Bitdefender®);
Accounting functions (standard): Up to 1,000 users; Active Directory support (username + password + e-mail + smb folder); User access function definition
Accounting functions (optional): Biometric authentication (finger vein pattern recognition); via RDFI card (ID card reader); Authentication with mobile device (iOS)
Mobile device authentication: Android/iOS

CONSUMABLES

Black toner (B1390): yield up to 45,000 pages (5% coverage)
Cyan toner (B1391): yield up to 45,000 pages (5% coverage)
Magenta toner (B1392): yield up to 45,000 pages (5% coverage)
Yellow toner (B1393): yield up to 45,000 pages (5% coverage)
Black drum (B1405): life up to 240,000 pages
Colour drum-one per colour (B1406): life up to 165,000 pages
Black developer unit (B1381): yield up to 1,000,000 pages
Cyan developer unit (B1382): yield up to 1,000,000 pages
Magenta developer unit (B1383): yield up to 1,000,000 pages
Yellow developer unit (B1384): yield up to 1,000,000 pages
Waste toner box (B1332): life up to 44,000 pages
Fuser unit (B1470): yield up to 1,000,000 pages
Transfer unit kit (B1404): up to 330,000 pages
Secondary transfer roller (B1389): up to 1,000,000 pages
Staples for FS-539/SD, FS-540SD (B0586): 3 sets x 5,000 staples for FS-539, FS-539SD, FS-540SD
Staples for FS-540, FS-540SD (B1387): 5 sets x 5,000 staples for FS-540 and FS-540SD
Staple cartridge for FS-P04 (B1113): 5 x 1,000 staples

OPTIONS

LU-205: Large capacity side tray 2,500 sheets
LU-303: High capacity side tray 3,000 A4 sheets
BT-C1e: Banner tray
TK-101: Transformation kit for LU-303 and LU-205 heater
HT-509: Dehumidifier for drawers
MK-734: Installation module for HT-509 dehumidifier
OT-514: Output tray as an alternative to finishers
FS-539: External finisher 3,300 sheets, stapling up to 50 sheets; Staples SK-602 **FS-539 SD:** External finisher 2,300 sheets, stapling up to 50 sheets, booklet up to 20 sheets; Staples SK-602 **FS-540:** External finisher 3,200 sheets with stapling up to 100 sheets, Staples

SK-602
FS-540 SD: External finisher 3,200 sheets with stapling up to 100 sheets with addition of the booklet folding unit with saddle stitching (2,700 sheets); Staples SK-704, SK-602 (saddle stitching)
RU-519: Installation unit for FS-539/FS-540/SD. *Required for the installation of FS-539(SD) and FS-540(SD)*
PK-526: 2 or 4-hole punch unit for FS-540 and FS-540SD finishers
PK-524: 2 or 4-hole punch unit for FS-539 and FS-539SD finishers
JS-602: Job separator for finisher FS-540, FS-540SD. *Cannot be used with PI-507*
PI-507: Post inserter unit for pre-printed media, stapling, folding and manual stapling for FS-540, FS-540SD. *Cannot be used with JS-602*
ZU-609: Z-fold unit integrable into the FS-540, FS-540SD finisher
FS-P04: Offline stapler, WT-506 must be installed; manual stapling up to 20 sheets, Staples: SK-501.
WT-506: Support tray for authentication unit and for the installation of FS-P04
WT-519: USB Keyboard tray
MK-735: Internal installation module for RFID card readers
RFID CARD READERS
AU-102: Biometric authentication unit
KH-102: Support tray for external alphanumeric keyboard
CU-102: Air filter
IC-420: Fiery controller for colour printing
VI-516: Video Interface. *Required for the installation of IC-420*
UK-221: Wireless LAN and LAN access point
SX-BR-300AN: Wireless LAN
LK-105 v4: OCR for conversion to searchable PDF and PPTX formats
LK-106: Barcode printing font
LK-107: Unicode printing font
LK-108: OCR A and B font support
LK-110 v2: Format converter including DOCX; XLSX and PDF/A (includes LK-102v3 & LK-105v4)
LK-111: ThinPrint® Client
LK-114: Serverless pull printing.
LK-115 v2: Trusted Platform Module for encrypted data protection
LK-116: Bitdefender® Antivirus real-time data scanning
LK-117: Fax over IP (T.38)
FK-514: Super G3 fax board
EK-608: USB kit for external keyboard connection
EK-609: USB kit for external keyboard and Bluetooth connection
EM-908: 1TB SSD
KP-102: Keyboard for touch panel
SP-501: Allows applying a stamp to the scanned original when sending a fax

Performance figures refer to product usage under optimal conditions.
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