Fiery® IC-318

Fiery FS600 Pro

Elevate performance and supercharge your output

Deliver faster processing speed, exceptional image quality, and higher productivity with Fiery® IC-318, driving the Konica Minolta AccurioPress C14000/C12000 Enhanced.

Boost productivity and profits

- Achieve uninterrupted production with Intelligent HyperRIP™ a speed-enhancing technology to optimize processing complex files in less time.
- Connect all your Fiery servers to Fiery Command WorkStation® to centralize job management, handle heavy workloads with ease, and get jobs out the door faster and more efficiently.

Top-tier image quality

- Produce amasing color from Fiery Edge™ — the next-generation Fiery color profiling technology for Fiery Driven™ printers. Out of the box, Fiery Edge delivers stunning color with the smoothest color blends, maximum shadow details, and superb image definition.
- Fiery color management automation is a combination of two features working in harmony to effortlessly achieve incredible color, even for beginners, all within Command WorkStation. Media can be calibrated and profiled in just a single step, and then zero-touch recalibration keeps color consistent with the IQ-501.
- Use Fiery ColorGuard™ — a cloud-based color verification solution — to measure and track your color quality performance; integrates with the IQ-501.

Maximize efficiency with automation

- Maximize printer throughput with built-in Fiery JobExpert™ that will analyze print jobs and dynamically chooses the optimal print settings.
- Increase efficiency with the automation benefits from Fiery JobFlow™ Base, and now you can seamlessly submit jobs directly from Command WorkStation.

IC-318 v3 specifications

Fiery Driven™ engines

- Konica Minolta AccurioPress C14000/C12000 Enhanced
- Supports all engine finishing devices

Hardware and platform

- Intel® Core™ i7-8700 processor
- 16 GB RAM
- 1 TB HDD, SSD boot drive for OS and Fiery software
- Fiery Installer Builder
- USB 3.0 ports: 3 front, 2 rear; USB 2.0 ports: 4 rear
- Microsoft® Windows® 10 IoT Enterprise 2021 LTSC
- Fiery FS600 Pro software
- Fiery QuickTouch software

Performance

- HyperRIP (2 RIPs)
  - Intelligent HyperRIP
- SmartRIP
- Scan-RIP-print simultaneously
- Spool-RIP-print simultaneously
- Strict ordered printing

Color and imaging

- Fiery Edge™ color profiles
- Fiery ColorWise® color management technology
- Fiery Spot-On™
- PANTONE® Color Enabled
- Fiery Calibrator
- Fiery Edge spot color processing
- 1-step color management [9]
- Zero-touch recalibration [5, 6]
- Composite overprint
- Fiery Image Enhance Visual Editor

Adobe interpreter support

- Adobe PDF Print Engine® 6.0[1]
- CPSI version 3020

Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert
- Job Groups
  - Print Group
  - PDF Group [8]
- Paper catalog
- Fiery Print Scheduler
- Print Time Estimation
- Fiery JobFlow™ Base
- Fiery Preflight

- Fiery Hot Folders/Virtual Printers
- Fiery drivers for Windows and Mac® users
- Fiery VUE
- Fiery WebTools™
- Fiery server presets
- Fiery Go (Android™ and iOS)
- Booklet Maker
- Direct Mobile Printing
- Pad printing
- GUI enablement
- Fiery Finishing Designer [7]

Variable data printing

- Fiery FreeForm™ Create
- Supported file formats include Fiery FreeForm Plus, PPML v3.0, PDF/VT 1 and 2, Creo VPS
- VDP Record and set level finishing, VDP Record Range Printing, Define Record Length, VDP Resource Manager, VDP Raster Preview, VDP imposition

File format support

- Adobe® PostScript® Levels 1, 2, 3; Adobe PDF; PDF/X-1a, 3, and 4; Optimized PostScript® and PDF, Enhanced PCL6/PCL5
- EPS; TIFF; and JPEG (via Hot Folders)
- Microsoft Office document formats: doc, docx, xls, xlsx, ppt, pptx, ppsx, pub (via Hot Folders)

Integration

- JDF v1.8 IDP-ICS certified
- Fiery API
- MIS and Web-to-Print integration ready
- Prepress workflow integration (Heidelberg® Prinect, Kodak® PRINERGY, Agfa® Apogee, SCREEN EQUIOS)

Device management and analytics

- Fiery IQ™: Dashboard, Insight, Notify, Go
  - Fiery ColorGuard™ [6] (3-year subscription)
  - Fiery Manage (optional)

Security

- Secure Erase (NIST 800-88 compliant), Security profiles, Security Audit Log
- FIPS 140-2 compliant data encryption
- Common Criteria compliant [2]
- Option to use a customer hardened Windows OS image to meet security compliance requirements
- Port blocking, IP filtering, 802.1X authentication, IPsec encryption
- TLS 1.3 support for encrypted communications: Fiery WebTools, Fiery JobFlow, IPP, Direct Mobile Printing
- Enhanced certificate management
- Fiery self-signed certificates are recreated automatically
- Secure printing, PostScript security, USB security
- Digitally signed software updates

Networking/Connectivity

- TCP/IP, Bonjour support, SNMP, Port 9100, IPP 2.0, FTP, SMB, WSD, point and print, print via email (PS/PDF), IPv6 support, LDAP authentication
- Login with SSO
- Native support for Universal Print by Microsoft
- Compliant with Mopria® industry standard

EMI/EMC

- FCC and ICES (US & Canada)
- CE Mark (EU)
- VCCI (Japan)
- RCM (Australia & New Zealand)
- CCC (China)
- BSMI (Taiwan)
- KC – Korea
- NEMKO
- CMIM Mark (Morocco)

Safety

- CB Scheme
- TÜV/CU Mark (Canada and US)
- TÜV/T-Mark (EU)
- CE Mark (EU)
- CCC (China)
- NEMKO – N-Mark
- BSMI (Taiwan)

Power

- Auto-switching: 100–240 VAC, 7-3.5 Amps, 50/60 Hz
- Typical: 100 W, 1 Amp @ 100 V. Maximum: 350 W, 7 Amp @ 100 V

Dimensions

- Height: 20.75" (527.05 mm), Width: 9.25" (234.95 mm), Depth: 18.25" (463.55 mm)
- Weight: 36.5 lb (16.5 kg)

Konica Minolta compatibility

- IQ-501 Intelligent Quality Optimizer (ICCU) support
- Konica Minolta Myiro-1 support
- Konica Minolta Myiro-9 support (via Color Profiler Suite software)

Optional Fiery software and hardware

- Fiery Graphic Arts Pro Package[3,6] subscription
  - Includes Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, and Fiery Control Bar
- Fiery Impose[3] subscription
- Fiery Compose[3] subscription
- Fiery JobMaster™ [3] subscription
- Fiery JobFlow[3]
- Fiery Color Profiler Suite [4,6]
- ES-3000 spectrophotometer
- ES-6000 spectrophotometer
- Fiery disk drive security kit
- Fiery High Security Kit v1.0
- Adobe® Acrobat® Pro Kit
- Fiery NX Station GL / LS
- Fiery Manage

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[1] Updated with enhancements and service releases on an ongoing basis
[2] With proper configuration by end customer or service provider
[3] Free 30-day trial available
[4] Free trial in demo mode
[5] Requires inline spectrophotometer
[6] Integrates with IQ-501 Intelligent Quality Optimizer
[7] Integrates with TU-510 finisher
[8] Requires subscription license for Fiery Impose, Compose, or JobMaster
[9] Requires Fiery Color Profiler Suite and a spectrophotometer

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For more information, please visit www.fiery.com