

Fiery® Color Controller N-70A

Fiery FS500 Pro



Maximum performance for unparalleled creativity.

The top-of-the-line Fiery Color Controller N-70A, driving the RICOH Pro™ C7500, provides unlimited potential to unleash your imagination.

Unsurpassed speed

- Boost production capacity with Fiery HyperRIP™, which processes large and complex jobs, or high volumes of individual jobs, at faster speeds.

Go beyond CMYK

- Use gamut expanding neon pink and neon yellow to brighten, smooth, and highlight images and skin tones; improve spot color accuracy; and add visual emphasis that get your customers noticed.
- Combine built-in Fiery calibration and the optional Fiery Color Profiler Suite to ensure consistent, uniform output with CMYK+ toners.
- Create dramatic effects with clear, white, gold, and silver, or expand into security applications with invisible red.

Achieve precise color every time.

- Fiery Edge™ profiles deliver stunning color with the smoothest color blends, maximum shadow details, and superb image definition.
- Built-in Fiery Spot Pro and Fiery ImageViewer ensure the most accurate brand color reproduction and enable quick color adjustments right at the DFE to keep production moving efficiently.
- Add Fiery ColorGuard™ to streamline color verification tasks and track color quality.

Speed makeready, reduce waste.

- Reduce setup time with Fiery JobExpert™, which analyzes print jobs and dynamically chooses the optimal print settings.
- Built-in Fiery Preflight Pro provides the ultimate PDF quality control checks to identify potential errors and verify file compliance with industry standards.
- Perform complex document preparation with the included Fiery Impose-Compose, or add Fiery JobMaster™.
- Streamline and simplify media management with Media Catalog.
- Increase efficiency with automation benefits from the built-in, browser-based Fiery JobFlow™ Base.





Fiery Color Controller N-70A specifications

Fiery Driven™ engines

- RICOH Pro™ C7500
- Supports all engine finishing devices

Hardware and platform

- Intel® Xeon® Dual 12 Core Processor
- 32 GB RAM
- SSD boot drive for OS & Fiery software + 2 x 2 TB HDD
- USB 3.0: 4 rear ports, 3 on Fiery QuickTouch™ panel
- Microsoft Windows® 10 IoT Enterprise 2019 LTSC
- Fiery Installer Builder
- Fiery FS500 Pro system software
- Fiery QuickTouch software

Fiery color and imaging technology

- In-line calibration with automated inline sensor
- CMYK+ support
 - Supports all available 5th station toners
 - Calibration: neon pink, neon yellow, white
 - Profiled colors for gamut extension: neon pink, neon yellow
- Fiery Edge™ color profiles
- Fiery Graphic Arts Pro Package (5-year subscription included)
 - Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, Fiery Control Bar
- Fiery ColorWise® color management technology
- PANTONE® Color Enabled
- Fiery Calibrator
- Composite overprint
- Image smoothing
- Image enhance
- Fiery Image Enhance Visual Editor
- Cutback trapping

Adobe interpreter support

- Adobe® PDF Print Engine® 5.5¹
- CPSI version 3020

Performance

- Fiery HyperRIP™
- SmartRIP
- Spool-RIP-Print
- Strict ordered printing

Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert™
- Fiery Smart Estimator
- Fiery Impose-Compose (5-year subscription included)
- Fiery Console
 - Access Command WorkStation via printer UI
- Print Time Estimation
- Media Catalog
- Fiery JobFlow™ Base
- Fiery Hot Folders/Virtual Printers
- Fiery drivers for Windows and Mac®
- Fiery WebTools™
- Fiery server presets
- Fiery Go (Android™ and iOS)
- Booklet Maker
- GUI enabled
- Direct Mobile Printing

Variable data printing

- Fiery FreeForm™ Create
- Supported file formats: 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

Device management and analytics

- Fiery IQ: Dashboard, Insight, Notify, Go
 - Fiery ColorGuard (optional)
 - Fiery Manage (optional)

File format support

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

Integration

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

Security

- Secure Erase, Security profiles, Security Audit Log
- FIPS 140-2 compliant data encryption
- ISO/IEC 15408 & IEEE Std 2600 (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, HTTPs with TLS 1.3 support
- Enhanced certificate management
- Fiery self-signed certificates are recreated automatically
- Secure printing, PostScript security, USB security
- Digitally signed software updates

Networking/Connectivity

- TCP/IP, AppleTalk, Bonjour support, SNMP, Port 9100, IPP, FTP, SMB, WSD, point and print, print via email (PS/PDF), IPv6 support, LDAP authentication

Power

- Auto-switching: 100–240 VAC, 10–5 Amps, 60–50 Hz. Typical: 200 W, 2 Amp @ 100 V. Maximum: 600 W, 6 Amp @ 100 V

Dimensions/Weight

- Height: 20.75" (527.05 mm), Width: 9.25" (234.95 mm), Depth: 22.5" (571.5 mm)
- Weight: 48 lb (21.77 kg)

EMC/EMI

- FCC and ISED-ICES-003 (US & Canada); EN 55032: 2015/BS 55032:2015; CE (EU)/UKCA(UK) Marks; RCM (AS/NZS) CISPR 32: 2013; CCC-China

Safety

- CB Scheme – IEC 62368-1: 2018; CE-Mark (EU)/UKCA-Mark (UK); UL/CSA C.22.2 No. 62368-1: 2019 (TUV-NRTL); T-Mark EN IEC 62368-1:2020 +A11; CCC China, EAC –Russia Regions

Optional Fiery software and hardware

- 5th color station kit
- Fiery JobMaster ³ subscription
- Fiery JobFlow ³
- ES-3000 spectrophotometer
- ES-6000 spectrophotometer
- Fiery Color Profiler Suite ⁴
- Fiery disk drive security kit
- Adobe Acrobat® Pro Kit
- Fiery NX Station GL/LS
- Fiery Manage
- Fiery ColorGuard ³
- RICOH TotalFlow® Bundles

Compatible RICOH software and hardware ⁵

- RICOH IPDS
- RICOH ProcessDirector
- RICOH TotalFlow Prep
- RICOH TotalFlow Production Manager
- RICOH TotalFlow BatchBuilder
- RICOH TotalFlow Producer
- RICOH Supervisor
- RICOH @Remote

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 Contact RICOH for a complete list



For more information, please visit www.fiery.com

Nothing herein should be construed as a warranty in addition to the express warranty statement provided with Fiery, LLC products and services.

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