



# Fiery® Color Controller N-50

Fiery FS500 Pro

## Optimise speed. Increase capacity.

Fiery Color Controller N-50 for the RICOH Pro C9500 enables you to produce high-value, complex jobs with exceptional colour and image quality.

### Take the guesswork out of production

- Reduce job setup time with Fiery JobExpert™, which analyses print jobs and dynamically chooses the optimal print settings.
- Increase efficiency with automation benefits from the built-in, browser-based Fiery JobFlow™ Base.
- Built-in Fiery Preflight provides basic preflight checks to help spot file problems before printing.

### Produce dependable image quality

- Fiery Edge™ profiles deliver stunning colour with the smoothest colour blends, maximum shadow details, and superb image definition.
- Add Fiery ColorGuard™ to streamline colour verification tasks and track color quality.
- Add Fiery Graphic Arts Pro Package to produce the most accurate brand colours, correct colour on the fly, and generate soft proofs.

### Effortless makeready

- Easily set up complex files with intuitive makeready tools like the standard Fiery Impose, and the optional Fiery Compose or Fiery JobMaster.
- Streamline and simplify media management with Fiery Media Catalog.





# Fiery Color Controller N-50 specifications

## Fiery Driven™ engines

- RICOH Pro C9500
- Supports all engine finishing devices

## Hardware and platform

- Intel® Core® i5-8500 processor
- 8 GB RAM
- SSD boot drive for OS & Fiery software + 1 TB HDD
- USB 3.0: 2 rear ports, 3 on Fiery QuickTouch™ panel.
- USB 2.0: 4 rear ports.
- Microsoft Windows® 10 IoT Enterprise 2019 LTSC
- Fiery Installer Builder
- Fiery FS500 Pro system software
- Fiery QuickTouch software

## Performance

- SmartRIP
- Spool-RIP-Print
- Strict ordered printing
- Print Time Estimation

## Colour and imaging

- In-line calibration with automated inline sensor
- Fiery Edge™ colour profiles
- Fiery Spot-On™
- Fiery ColorWise® colour management technology
- PANTONE® Color Enabled
- Fiery Calibrator
- Composite overprint
- Image smoothing
- Image enhance
- Fiery Image Enhance Visual Editor

## Adobe interpreter support

- Adobe® PDF Print Engine® 5.5<sup>1</sup>
- CPSI version 3020

## File format support

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

## Productivity and workflow

- Fiery Command WorkStation®
- Fiery JobExpert™
- Fiery Smart Estimator
- Fiery Impose (5-year subscription included)
- Fiery Preflight
- Fiery Console
  - Access Command WorkStation via printer UI
- Fiery 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

## 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

## 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)

## 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

## Security

- Secure Erase, Security profiles, Security Audit Log
- FIPS 140-2 compliant data encryption
- ISO/IEC 15408 & IEEE Std 2600 (Common Criteria) compliant<sup>2</sup>
- 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

## Device management and analytics

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

## EMC/EMI

- FCC and ISSED-ICES-003 (US & Canada); VCCI – CISPR 32 –2016 -Japan; EN 55032: 2015/BS 55032:2015; CE (EU)/UKCA(UK) Marks; RCM (AS/NZS) CISPR 32: 2013; Korea; BSMI- Taiwan; 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; BSMI-Taiwan; EAC -Russia Regions

## Dimensions/Weight

- Height: 20.75" (527.05 mm), Width: 9.25" (234.95 mm), Depth: 18.25" (571.5 mm)
- Weight: 36.5 lb (16.5 kg)

## Power

- Auto-switching: 100–240 VAC, 50/60 Hz, 6 Amps @100 VAC, 5 Amps @240 VAC
- Maximum power usage: 350 W. Typical power usage: 100 W

## Optional Fiery software and hardware

- Fiery Graphic Arts Pro Package<sup>3</sup>
  - Fiery Spot Pro, Fiery ImageViewer, Fiery Preflight Pro, Fiery Postflight, Fiery Control Bar
- Fiery Compose<sup>3</sup> subscription
- Fiery JobMaster<sup>3</sup> subscription
- Fiery JobFlow<sup>3</sup>
- ES-3000 spectrophotometer
- ES-6000 spectrophotometer
- Fiery Color Profiler Suite<sup>4</sup>
- Fiery disk drive security kit
- Adobe Acrobat® Pro Kit
- Fiery NX Station GL/LS
- Fiery IQ Manage
- Fiery ColorGuard<sup>3</sup>
- RICOH TotalFlow® Bundles

## Compatible RICOH software and hardware<sup>5</sup>

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

<sup>1</sup> Updated with enhancements and service releases on an ongoing basis

<sup>2</sup> With proper configuration by end customer or service provider

<sup>3</sup> Free 30-day trial available

<sup>4</sup> Free trial in demo mode

<sup>5</sup> Contact RICOH for a complete list



For more information, please visit [www.fiery.com](http://www.fiery.com)

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