Fiery® MIC-4160

FS500 Pro

Enhance performance. Increase productivity.

Fiery® MIC-4160 v2 for Konica Minolta AccurioPress 6120/6136/6136P/7120/7136/7136p Digital Press raises the bar with fast processing speed, outstanding image quality, and time-saving workflow.

Maximise productivity and turnaround times

- Increase productivity with the power of the new, advanced Fiery FS500 Pro platform for black-and-white devices through the tightly integrated Fiery workflow in Fiery Command WorkStation®.

- Reduce job setup time with Fiery JobExpert™. It analyses print jobs and dynamically choose the optimal print settings.

- The Fiery server is compatible with the Konica Minolta IQ-501 Intelligent Quality Optimiser for automated density control and accurate front-to-back registration, reducing operator set up time.

Deliver high image quality

- Perform greyscale calibration to preserve and enhance shadow detail as well as maintain a precise match for upper and lower tonal ranges.

- Inspect jobs with Fiery ImageViewer for Black and White. Make black curve adjustments to optimise image quality and save them for future use.

- Achieve consistent, predictable results with industry standard Native Adobe PDF Print Engine 5.5 processing and PDF 2.0 ready DFE.

MIC-4160 v2 specifications

Fiery Driven engines

- Konica Minolta AccurioPress 6120/6136/6136P/7120/7136/7136p Digital Press
- Supports all engine finishing devices
- Compatible with Konica Minolta IQ-501

Hardware and platform

- Intel® Pentium® Gold processor G5400
- 8 GB RAM
- 500 GB HDD
- SSD boot drive for OS and Fiery software
- Fiery Installer Builder
- USB 3.0
  - 2 rear ports
  - 3 ports on Fiery QuickTouch™ panel
- USB 2.0
  - 4 rear ports
- Microsoft® Windows® 10 IoT Enterprise 2019 LTSC
- Fiery FS500 Pro
- Fiery QuickTouch software

File format support

- Adobe® PostScript® Levels 1, 2, 3
- Adobe PDF
- PDF/X-1a, 3, and 4
- Encapsulated PostScript (EPS)
- Microsoft® Office document formats: docx, xlsx, pptx, pub (via Hot Folders)

Fiery imaging technology

- Fiery greyscale calibration
- Image smoothing
- Black custom screening
- Fiery ImageViewer for Black and White

Productivity and workflow

- Fiery Command WorkStation
- Fiery JobExpert
- Fiery drivers for Windows and Mac® users
- Fiery WebTools™
- Booklet Maker
- Pad printing
- Fiery Hot Folders/Virtual Printers
- Fiery JobFlow™ Base
- Fiery Preflight
- Direct mobile printing
- Fiery Go (Android™ and iOS)
- Print Time Estimation
- GUI enabled (FACI)
- Fiery Finishing Designer

Performance

- SmartRIP
- Spool-RIP-print simultaneously
- Scan-RIP-print simultaneously

Variable data printing

- Fiery FreeForm™ Create
- Supported file formats include:
  - Fiery FreeForm, Fiery Freeform Plus, PPML v3.0, PDF/VT 1 and 2, Creo VPS compatible
- Record and set level finishing
- VDP record range printing
- Optimised PostScript and PDF
- Define record length
- VDP Raster Preview
- VDP Resource Manager

JDF/JMF support

- Fiery JDF v1.8 Integrated Digital Printing (IDP) ICS certified
- EFI MIS and Web-to-Print integration ready
- Prepress workflow integration (Agfa® :Apogee, Kodak® Prinergy, Heidelberg® Prinect)

Adobe interpreter support

- CPSI version 3020
- Adobe PDF Print Engine 5.5 **

Optional Fiery software and hardware

- Fiery Impose*
- Fiery Compose
- Fiery Impose-Compose
- Fiery JobMaster™*
- Fiery JobMaster-Impose *
- Fiery JobFlow™ *
- EFI Manage
- EFI ES-3000 spectrophotometer
- Adobe® Acrobat® Pro Kit
- Fiery Disk Drive Security Kit
- Fiery NX One Station

Security

- Secure erase, Security Profiles, Security Audit Logs
- FIPS 140-2 compliant user data encryption
- Port blocking, IP filtering, 802.1x authentication, IPsec encryption, HTTPs with TLS 1.3 support
- Enhanced certificate management
- Secure printing, PostScript security, USB security
- Windows 10 OS security features
- 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

EMC

- FCC and ICES (US & Canada).
- EN & BS 55032: EU/UK.
- EN55032: 2013-Aus/NZS
- EN & BS 55035 – Immunity STD

Safety

- cETLus (Canada and US)
- ETL- EU
- CE Mark (EU)
- UKCA Mark -UK
- ETL CB Scheme – IEC-EN 6236-1

Power supply and consumption

- Auto-switching: 100–240 VAC
- 50/60 Hz, 6 Amps @100 VAC, 3 Amps @240 VAC
- Maximum / typical power usage: 150 W / 100 W

Dimensions

- 9.75 in. (D) x 15.10 in. (H) x 8.0 in. (W)
- 248 mm (D) x 384 mm (H) x 20 mm (W)
- Weight: 13.0 lbs (5.8 kg)

* Free 30-day trial available

** Updated with enhancements and service releases on an ongoing basis