

THE RICOH AFICIO COLOR 3006/4106

Aficio Color™

3006



4106

THE RICOH office color  
**series**

digital color imaging system

**RICOH®**

# empower your business

For businesses that create their own professionally-finished newsletters, ad spreads or catalogs, the Aficio Color 3006 & Aficio Color 4106 make it possible to do so right in the office by allowing you to **reproduce 11" x 17" full bleed copies/prints onto 12" x 18" paper**, an exceptionally useful and productivity-enhancing asset.

**Flexible Output/finishing Options:** The remarkable Ricoh Office Color Series of Aficio Imaging Systems enhance productivity from start to finish. With **Face Down Printing** (on the optional 3-Bin Sorter), users of both the copier and printing functions on the network can run jobs in unison and never encounter output confusion.

The Aficio Color 3006 and Aficio Color 4106 both offer a host of flexible options and advanced finishing features so your office can perform print-shop-quality work—from making **multiple copy sets of full-color reports, all collated and stapled, to creating professional business documents and presentations—right on premise!**

**Utmost Efficiency in Connectivity:** The Aficio Color 3006 and 4106 feature a new optional embedded print controller to make connectivity **simpler than ever**. Just attach the E-300 Print Controller to the Aficio Color 3006 or Aficio Color 4106 and **you're ready to work right out of the box**. Compatible with most PC, Macintosh™ and network environments, the systems support Ethernet 10/100BaseT for the quickest connections to your network as well as the most popular network protocols such as TCP/IP, IPX/SPX, etc. The E-300 Print Controller also offers Adobe® Postscript Level 3 processing and 136 embedded Adobe Type 1 fonts for utmost versatility.

## ADVANCED CAPABILITIES IN AN EFFICIENT PACKAGE

By incorporating leading-edge engineering like an advanced engine, improved process control unit, and enhanced toner design, the Ricoh Aficio Color™ 3006 & 4106 make your life easier, your job simpler, and your copies/ prints clearer than ever. Ricoh has perfected our enhanced generation of transfer belt technology and state-of-the-art OPC drum, plus enhancements in our renowned NTS2 Synchronized Transfer System also mean streamlined reproduction, optimal image quality, and unsurpassed reliability.

**Exceptional Throughput Capabilities:** From more **paper sizes to more paper stocks**, we give you a wide range of options to suit your every need. Not every copier, and not many laser printers—color ones especially—can claim the same.

With the Aficio Office Color Series, you can copy onto OHP transparencies for an upcoming presentation or 90 lb. index stock for report covers and inserts (utilizing the bypass tray), or even onto recycled paper to help comply with environmental concerns.



## PRINT FULL- BLEED 11" x 17"

With the introduction of the Aficio Color 3006 and Aficio Color 4106, your business can now produce fully-bleed 11"x17" documents when you print to 12"x18" paperstock.

# with the **Office Color Series**



## **PRECISION REPRODUCTION... LIKE YOU'VE ALWAYS ENVISIONED IT**

Imagine what the superior benefits of digital technology could mean for your business...

**Exceptional image quality in copy or print mode.** Crisp, clear **600 dpi print resolution with 256 gradation levels of color** provide ultimate accuracy. Cutting-edge true (not simulated) 8-bit printing resolution delivers an endless array of dynamic colors. Plus, Ricoh's advanced new engine and enhanced laser technology ensure maximum clarity, smoother gradation, and seamless reproduction of maps, drawings, even photographs—in full color or black & white—without compromising text sharpness.

The most accurate color matching, thanks to the **advanced pigmentation processes** of Ricoh's new more concentrated, higher yield, easily replenishable toner and developer.

### **Superb reproduction of an impressive wide variety of originals.**

When you place an original on the glass, whether it be a blueprint, dye sub, inkjet or laser output, the intuitive Aficio Color 3006 and Aficio Color 4106 ingeniously register the original's characteristics to output the closest match possible.

### **Further perfect photo or photo and text imaging with:**

- Photo Original & Printed Photo Mode
- Press Print Mode
- Glossy Photo Mode
- Laser Original
- 2nd Generation Original Mode



**Colorful website downloads can become part of your finished hard copy document. Perfect for business proposals.**

Or, select from one of three special original mode settings commonly used in today's busy offices:

- Map Mode
- Marker Pen Mode
- Inkjet Original Mode for three printer types

Consistent color quality with Ricoh's reliable **Automatic Color Calibration system**, which intelligently adjusts the density per color. Now any company can accurately render its corporate logo in-house to a near exact color match on all important documents.

**Pre-set selectable colors (up to 116 are possible with the Aficio Color 4106!)** that can be conveniently customized according to your liking. Program your preferences into memory, then return to them any time and apply them to any document.

Flexibility to add a second color to any document! **New Twin Color Mode** on the Aficio Color 4106 lets you convert both a colored area and a black area on the original into another selected color.



With exceptional dual use capability you can create superior color report covers or cost-efficient black and white pages.



**COVER STOCK**



**TRANSPARENCY**

You can output to a variety of media, whether you need a cover stock (up to 90 lb. index) for your report or a supporting OHP transparency for your meeting.

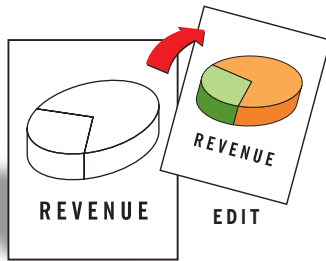
## VIBRANTLY PRODUCTIVE

Gone are the days when businesses had to choose between having color output or being productive. The Ricoh Office Color Series of Aficio Color Imaging Systems rank at the **top of their class when it comes to full color and black & white performance**, delivering high productivity whether you're copying or printing!



ORIGINAL

Selectively edit an existing original document to create an all new page layout.



ORIGINAL

By utilizing the paint tool editing feature, you can selectively edit and create graphics in your document.

- **At 21 and 28 copies per minute**, the Aficio Color 3006 & Aficio Color 4106 both ensure seamless black and white copying after a short 8-second first copy speed; plus, they move through full-color copies at a swift speed of **six copies per minute**.
- An advanced **Double Page Transfer System** streamlines reproduction by enabling two page images to be made side by side on the drum, which means two consecutive pages can be copied/printed during one rotation.

AC3006

AC4106



# FEATURES

A wealth of advanced features, designed specifically to further productivity and versatility in the general office environment, make any job easier with one-touch functioning. A mere press on the visually enhanced Aficio Color 4106 Color LCD edit panel, or Aficio Color 3006 hard key panel with four-line display, effortlessly accesses an array of functions:

- **Auto Color Selection:** conveniently detects whether the copy job should be completed in color or black & white.
- **Color Balance Adjustment:** alters/intensifies color choices as desired.
- **Color Conversion:** changes specified colors on your original to available colors on your copies.
- **Auto Paper Selection:** intelligently locates the right paper tray size to match originals being copied.
- **Auto Text/Photo Separation:** automatically adjusts to ensure sharp reproduction of both text lines and photos in the same document.
- **Cover Sheet Copy:** professionalizes documents by adding front and/or back covers with Auto Reverse Document Feeder (ARDF) option.

## advanced 4106 FEATURES

The Aficio Color 4106 offers these advanced features:

- **Faster black and white print speed.** Rated at 28 CPM's in black/white mode.
- **Advanced Auto Duplexing capabilities.** The Aficio Color 4106 offers as standard this capability, which enables automatic two-sided copying and printing.
- **Advanced Full-Color editing.** With a visually enhanced LCD editing panel with an extra large 10.4" touch screen, the Aficio Color 4106 offers users one touch editing.
- **New Twin Color Mode.** The Aficio Color 4106 gives you the flexibility to add a second color to your document. Simply edit a selected area of your document.
- **Advanced Pre-Set selectable colors.** Offering up to 116 conveniently customized colors that can be programmed into the editing features.

# RICOH®

THE RICOH OFFICE COLOR SERIES  
MAKING COLOR WORK IN YOUR OFFICE.

with top

**quality**

black & white

and **color imaging**

From the advent of color television to the explosion of the Internet, technology greatly impacts the way we do business. Yet progress has its price... until now. The ingeniously colorful, invitingly affordable RICOH® Aficio Color Series of Digital Imaging Systems keep every size company current and competitive with state-of-the-art digital color technology.

The innovative Ricoh Aficio Color™ 3006 & 4106 fulfill all your color and black & white needs in a single, simple digital workgroup solution. Forget the high cost of a separate copier and laser printer! Ricoh, an office automation leader for over 60 years & digital engineering forerunner for nearly 20, has made multi-functionality a reality with these advanced hybrid systems. Have it all without sacrificing a thing: a superior full-color copier to dramatize all your documents; a high-performance black & white copier for tough everyday demands; a first-rate color/black & white laser printer and scanner for streamlined workgroup connectivity.

Whether you're copying multiple sets of a report, printing a download from the Internet, or creating professional-quality overhead transparencies, count on the Aficio Color 3006 & Aficio Color 4106 to do it swiftly, seamlessly and effortlessly.

**Aficio Color™**

## Specifications

(Advanced features of the Aficio Color 4106 are noted in specs)

<b>Configuration</b>	Console
<b>Process</b>	Dry Electrostatic Transfer System
<b>Originals</b>	Sheet/Book/Object
<b>Original Size</b>	Max. 11" x 17"/A3
<b>Gradation</b>	256 gradations
<b>Copy Size</b>	Max. 11" x 17"/A3 (full bleed on 12" x 18") Min. 5 1/2" x 8 1/2" (lengthwise)
<b>Paper Size</b>	<b>Paper Tray Feed:</b> 11" x 17", 8 1/2" x 11", 8 1/2" x 14", 8 1/2" x 13", 5 1/2" x 8 1/2" (lengthwise) <b>Bypass Tray Feed:</b> Max. 12" x 18" 22 sec. (in full color), 8 sec. (in b/w)
<b>First Copy Speed</b>	<b>Normal Mode:</b>
<b>Copy Speed</b>	6 cpm (in full color), 21 cpm (in b/w)
<b>3006</b>	6 cpm (in full color), 28 cpm (in b/w)
<b>4106</b>	Up to 99
<b>Multiple Copying</b>	
<b>Paper Capacity</b>	
<b>3006</b>	1,550 sheets total (Paper Tray: 500 sheets + 2-Tray Bank: 500 each + Bypass Tray: 50 sheets)
<b>4106</b>	1,550 sheets total (3-Tray Bank: 500 each + Bypass Tray: 50 sheets) (only with optional 3 Tray Paper Bank Unit)
<b>Copy Paper Weight</b>	<b>Paper Tray:</b> 17 - 28 lb. <b>Bypass Tray:</b> 14 lb. Bond to 90 lb. Index
<b>Reproduction Ratio</b>	5 enlargements, 7 reductions plus 100% (400%, 200%, 155%, 129%, 121%, 93%, 5%, 78%, 73%, 65%, 50%, 25%)
<b>Zoom</b>	From 25% to 400% in 1% increments
<b>Duplex Copy</b>	
<b>3006</b>	Manual
<b>4106</b>	Automatic
<b>Dimensions (WxDxH)</b>	24.4" x 26.7" x 23.7" 620mm x 680mm x 602mm excludes platen glass
<b>Weight</b>	Less than 231 lbs.
<b>Power Source</b>	120V, 20A, 60Hz
<b>Maximum Power Consumption</b>	Less than 15v A
<b>Operation Panel</b>	
<b>3006</b>	Hard Key Type with b/w Guidance Display (4 x 20 characters)
<b>4106</b>	Touch display LCD with Guidance

## Special Features

<b>Color Selection</b>	Auto Color Selection (ACS), Full Color, Black & White, Single Color, Twin Color
<b>Copy Modes</b>	Auto Text & Photo Separation Mode, Photo Mode, Text Mode, Special Original Mode <b>Photo Type Selection:</b> Print Mode, Glossy Photo Mode, 2nd Generation Mode <b>Special Original Mode:</b> Map Mode, Marker Pen Mode, Inkjet Original Mode
<b>Paper Selection</b>	Auto Paper Selection (APS) <b>Bypass Tray Modes:</b> The following modes can be selected from bypass tray feeding: Normal Paper Mode, Thick Paper Mode, OHP Transparency Mode, Duplex Copy Backside Mode (normal paper), Duplex Copy Backside Mode (thick paper), Custom Size Paper Mode
<b>Reduce/Enlarge</b>	Auto Magnification Selection Directional Magnification
<b>Shift/Erase/ Book Copy</b>	Centering Margin Adjustment Book Copy Series Copy: with ADF Combine 2 Originals: with ADF

<b>OHP Slip Sheet</b>	Yes (blank paper only)
<b>Cover Sheet</b>	Yes
<b>User Code</b>	Yes (Max. 50 codes)
<b>Auto Tray Switching</b>	Yes
<b>Color Creation</b>	Color Conversion, Color Erase
<b>Image Creation</b>	Mirror, Positive/Negative
<b>Image/Color Adjustment</b>	9 options

## Options Specifications

### DF64/ARDF

<b>Original Size</b>	11" x 17", 8 1/2" x 14", 8 1/2" x 11", 5 1/2" x 8 1/2"
<b>Original Weight</b>	<b>SADF/ADF Mode:</b> 11 lb. - 34 lb. <b>Auto Reverse Mode:</b> 14 lb. - 28 lb. <b>Combine Originals Mode:</b> 14 lb. - 34 lb.
<b>Stack Capacity</b>	50 sheets

### ST10 Sorter/Stapler

Sort/stack can be used for full color, single color and black & white copies.

<b>Number of Bins</b>	10 bins + 100 sheet Proof Tray
<b>Proof Tray Capacity</b>	100 sheets (20 lb. bond)
<b>Stapling Capacity</b>	<b>Number of pages:</b> 2 - 20 sheets (20 lb. bond) <b>Position:</b> One position (horizontal or 45°) <b>Replenishment:</b> Cartridge change (2000 pieces/cartridge) <b>Sort Mode:</b> 30 sheets (letter size) <b>Stack Mode:</b> 25 sheets (letter size)
<b>Bin Capacity</b>	

### ST32 20-Bin Sorter/Stapler

<b>Number of Bins</b>	20 bins + Proof Tray (Moving Type)
<b>Paper Size</b>	Up to 12" x 18"
<b>Paper Weight</b>	
<b>3006</b>	14 lb. bond to 90 lb. cover
<b>4106</b>	14 lb. bond to 90 lb. cover
<b>Bin Capacity</b>	<b>Proof Tray:</b> All sizes: 100 sheets <b>Sort Mode:</b> 30 sheets (letter size) <b>Stack Mode:</b> 25 sheets (letter size)
<b>Stapling Capacity</b>	<b>Number of pages:</b> 2 - 20 sheets (20 lb. bond) <b>Position:</b> One position (horizontal or 45°) <b>Replenishment:</b> Cartridge change (2000 pieces/cartridge)

### CS160 3-Bin Sorter

<b>Number of Bins</b>	3 bins + Auto Reverse Tray
<b>Paper Size</b>	Max. 12" x 18", Min. 5 1/2" x 8 1/2"
<b>Paper Weight</b>	<b>1st Tray:</b> 14 - 43 lb. <b>2nd &amp; 3rd Trays:</b> 14 - 28 lb.
<b>Bin Capacity</b>	<b>Face Down Printing:</b> 17 - 28 lb. <b>1st Tray:</b> 500 sheets with 8 1/2" x 11" (20 lb. bond) 250 sheets with 11" x 17" (20 lb. bond) <b>2nd &amp; 3rd Trays:</b> 250 sheets with 8 1/2" x 11" (20 lb. bond)

### PS390 3-Tray Paper Bank

<b>Number of Trays</b>	500 sheet tray x 3 (34 lb.)
<b>Paper Size</b>	Max. 11" x 17", Min. 8 1/2" x 11"
<b>Paper Weight</b>	17-28 lb.
<b>Paper Detection</b>	Yes (4 levels)

### PS380 2-Tray Paper Bank

<b>Number of Trays</b>	500 sheet tray x 2 (24 lb.)
<b>Paper Size</b>	Max. 11" x 17", Min. 8 1/2" x 11"
<b>Paper Weight</b>	17 - 28 lb.
<b>Paper Detection</b>	Yes (4 levels)

### SPU4 Film Projector Unit

<b>Acceptable Film Type</b>	Positive/Negative film (Mount film, Glass mount film, Strip film)
<b>Acceptable Film Size</b>	<b>Set in film holder:</b> 35mm film <b>Exposure glass:</b> 45 x 60mm, 60 x 60mm, 60 x 70mm, 60 x 80mm, 60 x 90mm, 4" x 5" (101.6mm x 127mm)
<b>Film Holder</b>	<b>Slide Holder:</b> Up to 5 mount positive films <b>Film Strip Holder:</b> A series of 6 frames of strip film <b>Glass Mount Film Holder:</b> Up to 5 glass mount positive films <b>Exposure Glass:</b> Max. 5.7" x 8.3" Manual
<b>Focusing</b>	Manual
<b>Power Source</b>	115V/60Hz, 220-240V/50Hz, 60Hz
<b>Dimensions (WxDxH)</b>	<b>Projector Unit:</b> 11.8" x 17.4" x 8.34" <b>Mirror Unit:</b> 11.72" x 9.13" x 1.97"

### Specifications for Optional E-300 Internal Fiery® Print Controller

<b>Print Resolution</b>	600 dpi x 600 dpi Adobe Postscript 3
<b>Print Speed</b>	
<b>3006</b>	4 ppm (full color) 14ppm (b/w)
<b>4106</b>	4 ppm (full color) 18 ppm (b/w)
<b>Capacity Interfaces</b>	3.2GB Hard Disk IEEE 1284 parallel RJ45 for 10/100BaseT Ethernet AUI for Ethernet Token Ring (optional)
<b>Utilities</b>	Fiery Downloader, Fiery Scan, Fiery Spooler, Fiery WebTools, Fiery Print Calibrator

### The Ricoh Office Color Series Digital Imaging System. Making Color Work in Your Office.

## RICOH® Image Communication

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