

Document Managers  
with Unparalleled  
Output Quality

## Aficio™ 2016/2020/2020D



**RICOH**  
Image Communication

# Image Quality, Ease of Use & Reliability All in One

Office basics: every day you print files, copy documents and send faxes. What if one reliable and user friendly device could help you take care of all these tasks, providing excellent quality output? A smooth office workflow within reach! Ricoh's Aficio™2016/2020/2020D make it all happen. No need to spend your budget on bulky stand alone devices. These user friendly systems provide you with high speeds (16/20 ppm), reliability and superior office print quality. The Aficio™2020D even offers standard duplexing. From printing a simple file to sending faxes over the Internet and scanning to e-mail, these devices guarantee an optimised workflow from beginning to end. And even with this wealth of functionalities, the Aficio™2016/2020/2020D remain very easy to operate and maintain: the productive office partner you have been looking for!



# Your Entire Workflow Taken Care of

To reach the productivity levels you are looking for, a smooth running document workflow is essential. The Aficio™2016/2020/2020D will put you one step ahead of the competition. Not only do you acquire a compact all-in-one device, but you will enjoy the benefits of top quality output, user friendly operation and optimal network connectivity.

## Easy to Program & Use

No complicated operating procedures for the Aficio™2016/2020/2020D. Thanks to the systems' logically organised panel with 4-line 27-digit display, usability is greatly improved. In addition, the 4 navigation keys further facilitate operation.



## Superb Quality Output

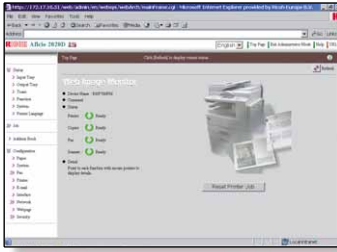
Thanks to a newly developed image processing technology, the Aficio™2016/2020/2020D deliver state-of-the-art image quality. Featuring 'scan once, copy many', originals are scanned only once, stored into memory and reproduced from there. No matter how many sets you make, output quality remains immaculate.

## Continuous Production

With an impressive maximum paper capacity of 1,600 sheets (Aficio™2016: 1,350 sheets), these systems can effortlessly take care of any large print/copy job. You do not waste time with continuous refills.



*The image on these pages is not a real photograph and slight differences in detail might appear.*



### Advanced Device Monitoring

Via Web Image Monitor, both users and network administrators can monitor and check the status of networked peripherals through common web browsers. In addition, network administrators can configure devices and set user privileges.

### Improved Productivity

With a first copy speed of 6.5 seconds and short warm up time of only 15 seconds, waiting by the machine is history. Continuous speeds at 16/20 ppm are guaranteed, also when duplexing.



### High Speed Faxing

With a modem speed of 33.6 Kbps and fast transmission speed of 3 seconds (2 seconds with JBIG), these systems deal swiftly with all fax traffic. 150 speed dials and 32 quick dials are available for extra time saving. To increase efficiency, incoming faxes as well as transmission reports can be forwarded as e-mails. For frequent long distance communication, the Internet fax feature reduces costs while enhancing your communication capabilities.



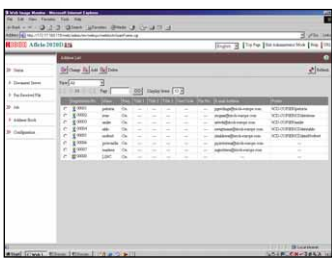
### Handy A3 Printing

By adding the printer/scanner module, you obtain a complete A3 printer. Detailed diagrams, proof prints and insurance forms are just some of the A3 applications you often use. No need to invest in a separate A3 printer, simply use the Aficio™2016/2020/2020D.



### Connect to Any Network

The printer/scanner option integrates with virtually any network environment and comes standard with Ethernet 10 base-T/100 base-TX and USB 2.0. For optimum connectivity, FireWire (IEEE 1394), Bluetooth, parallel port and Wireless LAN are available too.



### Easy Address Book Management

You can now manage and download your e-mail and fax address book either directly from the operation panel or through your web browser using SmartDeviceMonitor™/ Web Image Monitor. You can add new contacts, organise the address data or export the entire address book.

### Environmental Friendliness

The Aficio™2016/2020/2020D reflect Ricoh's commitment to the environment through the usage of toxic free materials\*. Thanks to Ricoh's QSU (quick start up) technology, the systems boast an extremely short warm up time and recovery time. To save on paper and costs while safeguarding the environment, you can use the Aficio™2020D for duplex printing and copying. It also combines 2 or even 4 pages on a sheet to further reduce paper usage.



\* In compliance with EU RoHS directive (RoHS: Restriction of Hazardous Substances, effective from July 2006).

# All-in-one Workflow Efficiency

**Your business is growing and your future needs might be different from your current ones. Not to worry: with the Aficio™2016/2020/2020D you obtain a customisable document manager, upgradeable as you wish, at any time. Add the printer/scanner module or opt for advanced fax functionalities: the choice is yours.**

## Customised to your Needs

Copier based, yet with the power to become fully equipped multifunctional systems: the Aficio™2016/2020/2020D are designed to incorporate print, fax and scan functionalities. As a result, the systems remain extremely compact, meeting your precise needs; no more, no less. Benefit from their all-in-one functionality, generating time and cost saving.

## Fax Directly from PC

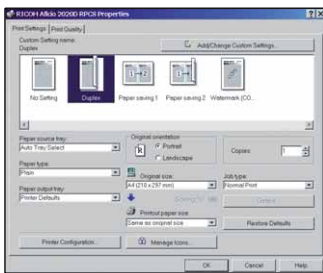
Using the Aficio™2016/2020/2020D as a fax system offers you a wealth of benefits. Via the LAN fax function, you can send fax messages directly from your own (networked) PC. This reduces the number of steps, saves time and ensures better output quality at the receiving end. Especially for long distance faxing, Internet faxing has major advantages. It not only reduces the Total Cost of Ownership, but also helps you streamline your fax distribution flow.

## Easy One Click Printing

Ricoh's unique printer language RPCS™ stands for fast, easy and efficient printing. With its icon based interface, any print job – no matter how complex – is only one click away. Most common print jobs are pre-defined under specific icons and you can save your own print settings under a personal icon for future one click use. As a result, entering print commands takes only seconds so you can exploit the full capabilities of your printer. In addition, using RPCS™ can considerably increase productivity.

## Efficient Document Distribution

To further optimise the document flow, you can digitise documents and send them over the network via ScanRouter™ Lite or directly to the recipient's PC via 'scan to e-mail'. Via this function, scanned files can be sent to any e-mail address in the world. All data is sent over the Internet. For optimal convenience, frequently used addresses can be stored manually or automatically in the systems' memory.



**With RPCS™'s icon based interface, any print job is only one click away.**



**Via the LAN fax function, you can send fax messages directly from your own (networked) PC.**



**Using 'scan to e-mail' scanned files can be sent to any e-mail address in the world.**



**Thanks to the logically organised panel, procedures are easy and operation is greatly facilitated.**



# Aficio™ 2016/2020/2020D

## Specifications



### COPIER

Copying process:	Twin laser beam scanning & electro photographic printing	
Copy speed:	16/20 copies per minute	
Resolution:	600 dpi	
Multiple copy:	Up to 99	
Warm up time:	Less than 15 seconds	
First output speed:	Less than 6.5 seconds	
Zoom:	50 - 200% (in 1% steps)	
Memory:	Standard:	16 MB
Paper input capacity:	Aficio™2016:	250-sheet paper tray 100-sheet bypass tray
	Aficio™2020/2020D:	2 x 250-sheet paper trays 100-sheet bypass tray
	Maximum:	Aficio™2016: 1,350 sheets Aficio™2020/2020D: 1,600 sheets
Paper output capacity:	Standard:	250 sheets (internal tray)
Paper size:	Standard tray:	A5 - A3
	Bypass tray:	A6 - A3
Paper weight:	Standard tray:	60 - 90 g/m <sup>2</sup>
	Bypass tray:	52 - 162 g/m <sup>2</sup>
	Duplex unit (Aficio™2020D):	64 - 90 g/m <sup>2</sup>
Dimensions (W x D x H):	Aficio™2016:	550 x 568 x 420 mm
	Aficio™2020:	550 x 568 x 558 mm
	Aficio™2020D:	587 x 568 x 558 mm
Weight:	Aficio™2016:	Less than 35 kg
	Aficio™2020:	Less than 44 kg
	Aficio™2020D:	Less than 47 kg
Power source:	220 - 240 V, 50/60 Hz	
Power consumption:	Operation:	Less than 1.28 kW
	Energy saver mode:	Less than 40 W

### PRINTER/SCANNER (option)



### Printer

Print speed:	16/20 prints per minute	
Printer language/resolution:	Standard:	
	PCL5e:	300/600 dpi
	PCL6:	600 dpi
	RPCS™:	300/600 dpi
Interface:	Option:	Adobe® PostScript® 3™: 600 dpi
	Standard:	Ethernet 10 base-T/100 base-TX USB 2.0
	Option:	Bi-directional IEEE 1284 parallel port Wireless LAN (IEEE 802.11b) Bluetooth FireWire (IEEE 1394)
Memory:	Standard:	192 MB
Network protocol:	TCP/IP, IPX/SPX, SMB, AppleTalk	

Supported environments:

Windows® 95/98/Me/NT4.0/2000/XP/Server 2003  
Macintosh 8.6 - 9.2.x (OS X Classic)  
Macintosh X v10.1 or later (native mode)  
UNIX Sun® Solaris 2.6/7/8/9  
HP-UX 10.20/11.x/11i1/11i  
RedHat® Linux 6.x/7.x/8.0/9/Enterprise  
IBM® AIX v4.3/5L v5.1/5L v5.2



### Scanner

Scan speed:	Maximum 43 originals per minute (MH, A4)
Resolution:	600 dpi
Original size:	A5 - A3
Output formats:	PDF/TIFF
Bundled drivers:	Network, TWAIN
Scan to e-mail:	SMTTP and TCP/IP required
Destination addresses:	Maximum 100
Stored destination addresses:	Maximum 150
Address book:	Via operation panel, Web Image Monitor or SmartDeviceMonitor™



### Software

SmartDeviceMonitor™<sup>1</sup>, Web SmartDeviceMonitor™, Web Image Monitor, DeskTopBinder™ Lite<sup>1</sup>, ScanRouter™ Lite<sup>1</sup>



### FAX (option)

Circuit:	PSTN, PBX	
Compatibility:	ITU-T (CCITT) G3	
Modem speed:	Maximum 33.6 Kbps	
Resolution:	200 x 100/200/400 dpi	
Compression method:	MH, MR, MMR, JBIG	
Scanning speed:	1 second (200 x 200 dpi, A4, SEF)	
Memory capacity:	Standard:	3 MB
Memory backup:	Yes	

### OTHER OPTIONS

- Platen cover
- 30-sheet Auto Document Feeder (Aficio™2016/2020)
- 50-sheet Auto Reverse Document Feeder (Aficio™2020D)
- 100-sheet one-bin tray (Aficio™2020/2020D)
- 1 x 500-sheet paper tray
- 2 x 500-sheet paper trays
- Cabinets

<sup>1</sup> Bundled with printer/scanner option.

For availability of models, optional apparatus and software, please consult your local Ricoh supplier.



ISO9001: 2000 certified  
ISO14001 certified

Ricoh has determined that these products meets the ENERGY STAR guidelines for energy efficiency.

Ricoh believes in conserving the earth's precious natural resources.

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