

Wirth Consulting

B2B Digital Imaging Product Evaluation

Monday, October 05, 2009 3:07:28 PM

WYSK

"What You Should Know"

Make	Canon	Model	imageCLASS MF4690
Functions	Print/Copy/Scan/Fax	Imaging Technology	Laser
Classification	B/W Duplex MFPs Under \$500		



The imageCLASS MF4690 provides local Microsoft Windows GDI printing and direct-connected scanning, as well as copying and Super Group 3 walkup fax as well as PC fax. A wireless print server is optional (\$99.99). It's equipped with a USB convenience port for print from and scan to USB memory cards. Canon provides software for organizing and managing scanned files and for optical character recognition (OCR).



Specifications

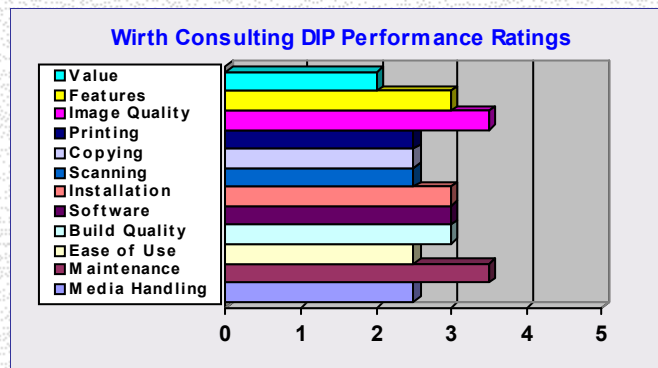
Monthly Duty Cycle	7,500	Max Media Width (inches)	8.5	215.90 mm	Price	\$399.00	€285.84
BW/Color Print Speed (PPM)	21	Max Media Length (inches)	14.0	355.60 mm	Duplex		
Max. Print Resolution (DPI)	1200x600	Max Media Wt. (bond, lbs.)	34.0	114.75 gsm	Print		
Standard Memory (MB)		Height (inches)	14.60	370.84 mm	Network		
Std Media Capacity (sheets)	251	Width (inches)	15.40	391.16 mm	Scan		
Max Media Capacity (sheets)	251	Depth (inches)	17.40	441.96 mm	Doc Feeder		
Power Consumption (watts)	700	Weight (pounds)	31.60	14.33 kg	Full System	\$399.00	€285.84

Feature Checklist

Value Add	Print	Scan	Copy
USB Convenience Port <input checked="" type="checkbox"/>	Duplex Printing <input checked="" type="checkbox"/>	Color Scanning <input checked="" type="checkbox"/>	Duplex Document Feeder <input type="checkbox"/>
Scanner <input checked="" type="checkbox"/>	Network Printing <input checked="" type="checkbox"/>	Network Scanning <input type="checkbox"/>	Ease of Use
Walk-Up Fax <input checked="" type="checkbox"/>	Microsoft Windows <input checked="" type="checkbox"/>	Software	Graphic Display <input type="checkbox"/>
LAN Fax <input type="checkbox"/>	Apple Mac <input checked="" type="checkbox"/>	Desktop Software <input checked="" type="checkbox"/>	Touch Screen <input type="checkbox"/>
Image Quality	Linux <input type="checkbox"/>	Web Utilities <input checked="" type="checkbox"/>	Navigation Keys <input checked="" type="checkbox"/>
BW Office IQ <input checked="" type="checkbox"/>	GDI Printing <input checked="" type="checkbox"/>	Media Handling	Maintenance
Color Office IQ <input type="checkbox"/>	PCL <input type="checkbox"/>	Feeds Index Stock <input type="checkbox"/>	All-in-One Toner Cartridge <input checked="" type="checkbox"/>
Professional IQ <input type="checkbox"/>	PostScript <input type="checkbox"/>	Max Weight from all Sources <input type="checkbox"/>	Finishing
Photographic IQ <input type="checkbox"/>	Adobe PostScript <input type="checkbox"/>	Holds Full Ream of Media <input type="checkbox"/>	Finishing <input type="checkbox"/>

Wirth Consulting Ratings* *On a scale of 0-5, with 5 being the best

Value	2.0
Features	3.0
Image Quality	3.5
Printing	2.5
Copying	2.5
Scanning	2.5



3.0	Installation
3.0	Software
3.0	Build Quality
2.5	Ease of Use
3.5	Maintenance
2.5	Media Handling

Ratings Scoreboard* *Highest possible scores: Overall, 60; Copier, 45; Printer, 50; Scanner, 40; Usability, 25

Overall Score	33.5	Copier Score	25.5	Printer Score	28.5	Scanner Score	22.5	Usability Score	15.0
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Consumables Pricing and Yields* *All supply yields are based on an original area coverage of 5% per color

Black Ink/Toner Price	<input type="text" value="\$75.00"/>	Magenta Ink/Toner Yield (pages)	<input type="text"/>	Maintenance Kit Price	<input type="text"/>
Black Ink/Toner Yield	<input type="text" value="2,000"/>	Yellow Ink/Toner Price	<input type="text"/>	Maintenance Kit Yield	<input type="text"/>
Cyan Ink/Toner Price	<input type="text"/>	Yellow Ink/Toner Yield	<input type="text"/>	Other Type	<input type="text"/>
Cyan Ink/Toner Yield	<input type="text"/>	Multicolor Ink Price	<input type="text"/>	Other Price	<input type="text"/>
Magenta Ink/Toner Price	<input type="text"/>	Multicolor Ink Yield	<input type="text"/>	Other Yield	<input type="text"/>
Black Consumables Cost per Page		<input type="text" value="\$0.0375"/>	Color Consumables Cost per Page		<input type="text"/>

Total Cost Per Page*

Total Cost of Ownership**

*Cost Per Page and **Total Cost of Ownership include the purchase price depreciated over a five-year period. ***Mixed=Based on print usage of 66% Black and 33% Color

Monthly Volume	Black CPP	Color CPP	Monthly Volume	Black TCO	Color TCO	***Mixed TCO
50 pages	\$0.171		50 pages	\$511.50		
100 pages	\$0.104		100 pages	\$624.00		
250 pages	\$0.064		250 pages	\$961.50		
500 pages	\$0.051		500 pages	\$1,524.00		
1,000 pages	\$0.044		1,000 pages	\$2,649.00		
2,000 pages	\$0.041		2,000 pages	\$4,899.00		
3,000 pages	\$0.040		3,000 pages	\$7,149.00		
4,000 pages	\$0.039		4,000 pages	\$9,399.00		
5,000 pages	\$0.039		5,000 pages	\$11,649.00		

Wirth Consulting Commentary

Strengths

- Color scan to e-mail, file, and fax. TWAIN and WIA scan drivers.
- ScanSoft OmniPage SE and Presto! PageManager for OCR and for managing and organized scanned files.
- USB convenience port for print from and scan to USB memory cards.
- Optional USB/Wireless 802.11 b/g interface (\$99.99).
- All-in-one toner cartridge (no separate drum to replace).
- Standard Super Group 3 fax and PC fax.

Limitations

- Utilizes Microsoft Windows GDI printing: 1) system utilizes the host computer workstation's processing power to process jobs), 2) PCL and PostScript print drivers not available.
- Relatively high consumables' cost per page and TCO (Total Cost of Ownership).

Notes

Best Use

For personal use in small or home offices directly connected to the user's computer workstation, or for shared use in small offices when equipped with the optional wireless print server, for print, copy, scan and fax.