WORKiO®

DP-190

intelligent

Panasonic ideas for life

Advanced Digital Copier

- Up to 19 cpm digital copying (Letter)
- Duplex copy/print
- 50-sheet ADF (Automatic Document Feeder)
- Double Exposure/Digital SkyShot
- N-in-1 copy/print

Network Color Scanner

- Flatbed color scanner
- 300 x 300 dpi
- Send-to-PC/Scan-to-Email

Network Printer

- Up to 19 ppm B/W printing (Letter)
- Ethernet and USB connection
- 600 x 600 dpi printing resolution
- 1200 dpi equivalent resolution*

* With Panasonic image enhancement technology. (Optional printer controller module is required.)

Super G3 Fax

- 33.6 kbps Super G3 fax modem
- 2.7-second transmission (Letter)
- Quick memory transmission

The compact & powerful multifunction tool you're waiting for.

The Intelligent Choice For Your Office.

Bringing the latest in cutting-edge technology to your office, the intelligent WORKiO DP-190 will help you meet your document processing needs and manage your documents more effectively than ever. From copying and color scanning to printing and faxing, the DP-190 is the ultimate all-round document management tool for small departments and workgroups. It comes with both Automatic Document Feeder (ADF) and a built-in duplex unit, so you can use it as a powerful plain paper copier with up to 19 cpm capability that rivals dedicated copiers. The DP-190 also features a color flatbed scanner that makes it easy to digitize paper documents and transfer the files directly to a PC on the network or send them as email attachments to remote computers via the Internet. And with automated network installation capability, the DP-190 can be plugged into your existing LAN, so you can immediately use it as a high-performing network printer*. Use the DP-190 as a Super G3 fax with JBIG compression for fast, high-quality transmission for superior office performance.

The DP-190 from Panasonic — it's the intelligent solution for your business.

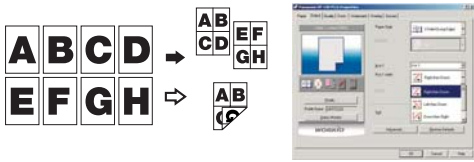* Requires a DHCP server on the network.

Digital SkyShot

Panasonic's Digital SkyShot is especially convenient for copying small-sized originals like checks or ID cards. Users can even reproduce documents with unusual shapes — round, oval, etc. — without generating any unnecessary black areas simply by making a copy with the platen cover open.
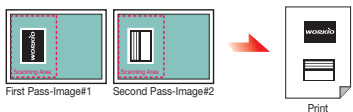
N-in-1 Copying/Printing

N-in-1 enables copying of multiple originals onto a single sheet of paper, accelerating document production while reducing paper consumption.

Double Exposure for Double Savings

By selecting the Double Exposure key located on the control panel, users can make quality copies of small double-sided documents on a single sheet of paper without the black borders — even if the platen cover is open. This is especially convenient for copying small double-sided originals such as ID and insurance cards, checks, and receipts.

First Pass-Image#1   Second Pass-Image#2   Print
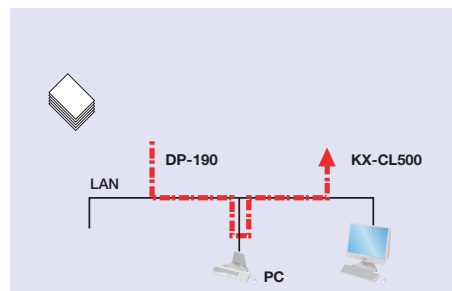
Scan-to-PC

Scan-to-PC lets users digitize virtually any kind of document — even handwritten notes or sketches — and convert it to a PDF, TIFF or JPEG file and send it to a networked PC.

Document Management System Software

Panasonic Document Management System software allows efficient document management, flexible editing and convenient sharing at the user's fingertips. Users can manage and edit documents right from their desktop with a simple "drag and drop" operation.

Remote Copy

When users press the Remote Copy key, the DP-190 automatically sends the scanned data through the PC to a pre-selected network printer. This allows users to easily make color copies of a color document when a color printer is connected to the LAN.

DP-190   KX-CL500

LAN

PC

Options

Flash Memory

4MB Flash Memory
UE-410047F
8MB Flash Memory
UE-410048F

Handset Kit UE-403171

Stand DA1D190

Printer

...ion Board DA-EM600F

PCL Printer Controller Module
DA-PC188

PS/PCL Multi-Page Description Language Controller Module
DA-MC188

Image Memory

Image Memory
(16MB)   DA-SM16B
(64MB)   DA-SM64B
(128MB)   DA-SM28B

Hard Disk Drive Unit
Hard Disk Drive Unit (40GB) DA-HD19

Software
Accounting Software DA-WA10

Consumables

550-sheet 2nd Paper Feed Module
DA-DS188

Drum Unit
DQ-UH35H

Toner Cartridge
DQ-UG17H

DP-190 Specifications

General Functions

Type	Desktop
Print Process	Laser Indirect Electrostatic
Developing Process	Dry Single Component
Automatic Document Feeder	50 sheets (Letter: 20 lb)
Paper Feed	Standard 250 sheets paper tray unit x 1 + 1-sheet bypass
	Maximum 800 sheets with option
Paper Weight	
Paper Tray:	16 to 28 lb (60 to 105 g/m^2)
Bypass:	16 to 44 lb (60 to 165 g/m^2)
Power Requirements	AC 120 V, 60 Hz
Power Consumption	
Maximum Power:	900 W
Power Saver Mode:	Approximately 20 Wh
Sleep Mode:	Approximately 12 Wh
Dimensions (W x D x H)*1	18.2" x 19.9" x 20.6"
(Excluding optional equipment)	(462 x 506 x 523 mm)
Weight*1	Approximately 48.5 lb
(Excluding optional equipment)	(Approximately 22 kg)

Digital Copier Functions

First Copy Time	Approximately 10 seconds (Letter)
Resolution	600 x 600 dpi
Gray Scale	256 steps
Multi Copy Speed*2	Up to 19 cpm
Maximum Original Size	Letter, Legal*3
Copy Size	Letter/Legal/Invoice*4
Copy Ratio	
Enlargement (fixed)	155 %, 129 %
Reduction (fixed)	79 %, 65 %, 61 %
Zoom (variable)	50 – 200 % (in 1 % increments)
Multiple Copy	1 to 999, Automatic reset to 1
Exposure Controller	Text, Text/Photo, Photo
Image Memory for Sorting	
Standard	16MB
Optional	16 MB/64MB/128MB (Maximum 144MB)
	12GB (with optional HDD)

Network Scanner Functions

Network Scanner Interface	Ethernet 10Base-T/100Base-TX
Scanning Size	Letter/Legal*3/Invoice
Scanning Resolution	
Color:	75 x 75 dpi, 150 x 150 dpi, 300 x 300 dpi
Black & White:	150 x 150 dpi, 300 x 300 dpi, 600 x 600 dpi
Scanning Speed*5	
Color:	Approximately 11 seconds (Letter)
Black & White:	Approximately 2.7 seconds
Coding Scheme	
Color:	JPEG
Black & White:	JBIG/MMR/MR/MH
Data Format	
Color:	JPEG, PDF
Black & White:	TIFF, PDF

Network Printer Functions

Printer Interface	Ethernet 10Base-T/100Base-TX
Local Printer Interface	USB1.1
Printer Language	
Standard	Panasonic Printing System for Windows®
Option	PCL 6 Emulation, Adobe® PostScript® 3™
Printing Speed*2	Up to 19 ppm
Paper Size	Letter/Legal/Invoice*4, Envelope*4
Printing Resolution	1,200 dpi equivalent x 600 dpi (PCL, PS) 600 dpi x 600 dpi, 300 dpi x 300 dpi (GDI, PCL, PS)
Printer Memory	20MB
Compatible Operating Systems	Windows® XP/2000/Server 2003*8/ 98/Me, Windows NT® 4.0 Mac OS 8.6 – 10.3 (PS only)

G3 Fax Functions

Compatibility	ITU-T Group 3, ECM
Modem Speed	33.6 kbps - 2.4kbps with automatic fallback
Coding Scheme	JBIG/MMR/MR/MH
Transmission Speed*6	Approximately 2.7 seconds
Scanning Speed*5	2.7 seconds (Letter portrait in Standard or Fine Mode)
Scanning Resolution	
Standard:	203 dots/inch x 98 lines/inch (8 dots/mm x 3.85 lines/mm)
Fine:	203 dots/inch x 196 lines/inch (8 dots/mm x 7.7 lines/mm)
Super Fine:	406 dots/inch x 391 lines/inch (16 dots/mm x 15.4 lines/mm)
600 dpi:	600 x 600 dpi
Effective Scanning Width	8.34" (212 mm)
Recording Resolution	Maximum 600 x 600 dpi
Standard Memory*7	2MB (approximately 120 pages)
Optional Memory*7	Base memory plus 4MB (320 pages)/ 8MB (640 pages)
No. of Auto Dialers	200 (Maximum 1,000 with optional HDD)

Scan-to-Email / Internet Fax Functions

Compatibility	IETF RFC...05, ITU-T T.37
Communication Protocol	TCP/IP, S..., POP3, MIME,DHCP LDAP,SN...MIB
Network Connectivity	Ethernet...BASE-T /100BASE-TX (IEEE80...)
Data Format*9	TIFF-FX...le S/F/J), PDF, JPEG

Notes
*1 Dimensions and weight are approximate.
*2 Speeds are contingent upon applications, machine configuration, and status. Individual speeds may vary.
*3 from ADF only
*4 Bypass only
*5 Scanning speed applies to the feeding process from the top to the end of a single page test chart. The time for the feeding process does not include the time that it takes for the top edge of the page to reach the scanning point and page ejection. Time for entire scoring process is not applied.
*6 Transmission time applies to memory transmission of text data using only ITU-T Image No.1 between the same models at maximum modem speed. Transmission time may vary in actual usage. Usually public telephone lines can only support communication speeds of 28.8 Kbps or lower. Via PBX, transmission speed may fall back to a lower speed.
*7 Based on ITU-T Image No.1 scanned in Standard mode.
*8 Available in the 3rd quarter of 2004
*9 Internet Fax only supports TIFF-FX format.

Design and specification are subject to change without notice. Not all options may be available at the time of notification.

Dimensions

20.6" (523 mm)
26.1" (663 mm)
19.9"(506 mm)
18.2" (462 mm)

As an Energy Star® partner, Panasonic has determined that this product meets the Energy Star® guidelines for energy efficiency.

ISO 9001 Quality Management System
Our business processes which produce document, information and network products, from manufacturing to marketing, conform to ISO9001 Quality Management Systems standard. Design, development, manufacture, installation, repair and maintenance of document, information and network products, their associated devices and consumables.In addition, the plants outside Japan have acquired ISO 9001 certification.

LLOYD'S REGISTER QSA
ISO9001
UKAS QUALITY MANAGEMENT
001

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