WORKiO ®

DP-190

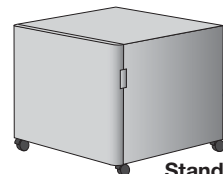**COLOR SCANNER**

intelligent

Panasonic ideas for life

Options

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

Handset Kit UE-403171

Stand DA1D190

550-sheet 2nd Paper Feed Module DA-DS188

Printer/Network Printer
Expansion 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

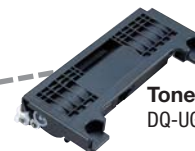## Hard Disk Drive Unit
Hard Disk Drive Unit (40GB) DA-HD19

Software
Accounting Software DA-WA10

Consumables

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 2305, ITU-T T.37
Communication Protocol	TCP/IP, SMTP, POP3, MIME,DHCP LDAP,SNMP/MIB
Network Connectivity	Ethernet 10BASE-T /100BASE-TX (IEEE802.3)
Data Format*9	TIFF-FX (Profile 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 storing 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.

Panasonic®

Panasonic Digital Document Company
Unit of Matsushita Electric Corporation of America
Two Panasonic Way, Secaucus, NJ 07094
For a local dealer, please call 1-800-742-8086
http://www.panasonic.com/office

FAX-190-SS