# Panasonic
## ideas for life

## Digital Imaging Systems

## DP-8020E / DP-8020P

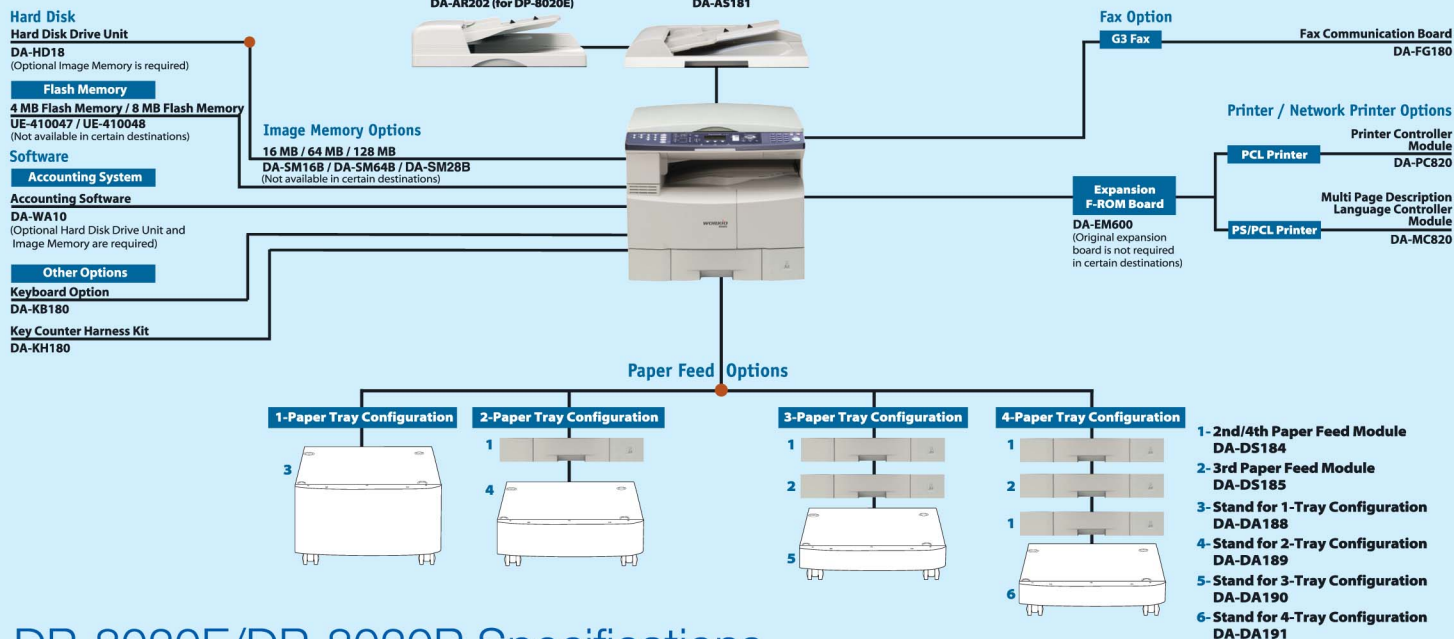20 cpm / 20 ppm Digital Copying / Printing

Standard Network Printing

600 dpi High-speed Network Scanning Capability

Standard Document Handling Software

Security Features

## WORKIO
DIGITAL IMAGING SYSTEMS

# DP-8020E/DP-8020P Options

### Hard Disk
**Hard Disk Drive Unit**
DA-HD18
(Optional Image Memory is required)

### Flash Memory
**4 MB Flash Memory / 8 MB Flash Memory**
UE-410047 / UE-410048
(Not available in certain destinations)

### Software
**Accounting System**
**Accounting Software**
DA-WA10
(Optional Hard Disk Drive Unit and Image Memory are required)

### Other Options
**Keyboard Option**
DA-KB180
**Key Counter Harness Kit**
DA-KH180

**Inverting Automatic Document Feeder**
**DA-AR202 (for DP-8020E)**

**Automatic Document Feeder**
**DA-AS181**

### Image Memory Options
**16 MB / 64 MB / 128 MB**
DA-SM16B / DA-SM64B / DA-SM28B
(Not available in certain destinations)

### Fax Option
**G3 Fax**
**Fax Communication Board**
DA-FG180

### Printer / Network Printer Options
**PCL Printer**
**Printer Controller Module**
DA-PC820

**PS/PCL Printer**
**Multi Page Description Language Controller Module**
DA-MC820

**Expansion F-ROM Board**
DA-EM600
(Original expansion board is not required in certain destinations)

### Paper Feed Options

| 1-Paper Tray Configuration | 2-Paper Tray Configuration | 3-Paper Tray Configuration | 4-Paper Tray Configuration |
|---|---|---|---|

1- **2nd/4th Paper Feed Module** DA-DS184
2- **3rd Paper Feed Module** DA-DS185
3- **Stand for 1-Tray Configuration** DA-DA188
4- **Stand for 2-Tray Configuration** DA-DA189
5- **Stand for 3-Tray Configuration** DA-DA190
6- **Stand for 4-Tray Configuration** DA-DA191

# DP-8020E/DP-8020P Specifications

## General

| | |
|---|---|
| Type | Desktop |
| Copy / Print Process | Laser Indirect Electrostatic |
| Developing Process | Dry Dual Component |
| Automatic Document Feeder (Option) | 50 sheets (A4, 75 g/m²) (DP-8020E, DP-8020P) |
| Inverting Automatic Document Feeder (Option) | 50 sheets (A4, 75 g/m²) (DP-8020E only) |
| Paper Feed | 550-sheet paper tray x 1 + 50-sheet bypass |
| | Max. 2,250 sheets with option |
| Paper Weight | Paper Tray: 60 to 90 g/m² |
| | Paper Tray: 55 to 133 g/m² |
| Automatic Duplex Unit | Standard (DP-8020E only) |
| Power Requirements | AC 220-240 V, 50/60 Hz, 6.5 A |
| Power Consumption | Max.: Less than 1.3 kW |
| | Power saver mode: Approx. 19.5 W |
| | Sleep mode: Approx. 9.5 W |
| Warm-up Time (20°C) | Approx. 30 sec. (Main power switch ON) |
| | Approx. 30 sec. (Sleep mode) |
| Dimensions (W x D x H)*¹ (H = Height to Platen Glass) | 558 x 557 x 460 mm (Excluding optional equipment) |
| Weight*¹ | Approx. 43.6 kg (DP-8020P) |
| | Approx. 44.6 kg (DP-8020E) |
| | (Excluding optional equipment) |

## Printer

| | |
|---|---|
| Network printer Interface | Ethernet 10Base-T/100Base-TX |
| Communication Protocol | TCP/IP, LPD (LPR), IPP, AppleTalk (PS), SNMP, DHCP |
| Local Printer Interface | USB |
| Printer Language (Standard) | Panasonic Printing System for Windows® |
| (Option) | PCL 5e Emulation*², PCL 6 Emulation*² |
| | Adobe® PostScript®3™*³ |
| Printing Speed*⁴ (from 1st paper tray) | 20 ppm |
| Paper Size | Paper Tray: A3 – A5 |
| | Bypass: A3 – envelope (DL) |
| 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 | 20 MB |
| PCL/PS Spool Memory | 6 GB with optional HDD |
| Compatible Operating Systems | Windows® XP/2000/98/Me, Windows Server®2003, Windows NT® 4.0 |
| | MacOS 8.6-10.4*³ |

## Digital Copier

| | |
|---|---|
| Resolution | 600 dpi x 600 dpi |
| Gray Scale | 256 steps |
| First Copy Time | Approx. 6.9 sec. |
| Multi Copy Speed*⁴ | 20 cpm (from 1st paper Tray) |
| Maximum Original Size | A3 |
| Copy Size | A3 – A5 |
| Copy Ratio | Enlargement (fixed) |
| | 200 %, 173 %, 141 %, 122 %, 115 % |
| | Reduction (fixed) |
| | 87 %, 82 %, 71 %, 58 %, 50 % |
| Zoom (variable) | 50-200 % (in 1 % increments) |
| Multiple Copy | 1 to 999, Automatic reset to 1 |
| Exposure Control | Text, Text/Photo, Photo |
| Sort Memory (Standard) (Option)*⁵ | 16 MB |
| | Base Memory plus 16 MB / 64 MB / 128 MB |
| | 12 GB (with optional HDD) |

## Network Scanner

| | |
|---|---|
| Network Scanner Interface | Ethernet 10Base-T/100Base-TX |
| Maximum Scanning Size | A3 |
| Scanning Resolution | 150 dpi x 150 dpi, 300 dpi x 300 dpi, 600 dpi x 600 dpi |
| Scanning Speed*⁶ | Approx. 1.1sec. |
| | (A4 portrait in 150 dpi x 150 dpi, 300 dpi x 300 dpi print from ADF) |
| Coding Scheme | JBIG / MMR / MR / MH |
| Data Format | TIFF, PDF |

## G3 Fax (Option)

| | |
|---|---|
| Compatibility | ITU-T Group 3, ECM |
| Modem Speed | 33.6 kbps |
| Coding Scheme | JBIG / MMR / MR / MH |
| Scanning Speed*⁶ | Approx. 0.7 sec. (A4 portrait in standard Fine mode) |
| Transmission Speed*⁷ | Approx. 2.9 sec. |
| Scanning Resolution | Standard: 8 dots/mm x 3.85 lines/mm |
| | Fine: 8 dots/mm x 7.7 lines/mm |
| | Super Fine: 16 dots/mm x 15.4 lines/mm |
| | 600 dpi: 600 dpi x 600 dpi |
| Effective Scanning Width | A3 (292mm) |
| Recording Resolution | 600 dpi x 600 dpi |
| Standard Memory*⁸ | 2 MB (approx. 120 pages) |
| Optional Memory*⁸ | Base memory plus 4MB (320 pages)/8MB (640 pages) |
| Speed Dials | 1032 (abbreviation + optional keyboard + optional HDD) |

## Internet Fax/Scan to Email*⁹

| | |
|---|---|
| Compatibility | IETF RFC 3965, ITU-T T.37 |
| Communication Protocol | TCP/IP, SMTP.POP3, MIME, LDAP*¹⁰, DNS |
| Network Connectivity | Ethernet 10Base-T/100Base-TX (IEEE 802.3) |
| Data Format | TIFF (Profile S/F/J), PDF*¹¹ |

(460mm)

(557mm)

(558mm)

## Notes

*1 Dimensions and weight are approximate.
*2 Printer Controller Module or Multi Page Description Language Controller Module option required.
*3 Multi Page Description Language Controller Module option required.
*4 Speed are contingent upon applications, machine configuration, and status. Individual speeds may vary.
*5 May not be available in certain destinations.
*6 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.
*7 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 28.8Kbps or lower. Via PBX, transmission speed may fall back to a lower speed.
*8 Based on ITU-T Image No.1 scanned in Standard mode.
*9 Depending on the receiving machines capability, the document may not be correctly printed depending on the chosen resolution and document size.
*10 This function is not available in certain destinations.
*11 T.37 Internet Fax only supports TIFF format.

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This Product is designed to reduce hazardous chemical substances along with the RoHS directive.

# Panasonic®

Adobe® PostScript® 3™

ENERGY STAR

PRINTED WITH SOY INK

# Compact High Speed
## Multifunctional Solution

### Welcome to the world of WORKiO digital imaging platforms where digital communications and imaging technology converge.

Empowering your business with more versatility, higher reliability, greater ease of use and expanded network connectivity, WORKiO is the "office power tool" for your business, and the DP-8020E/DP-8020P is no exception.

### High-speed Network printing

- Network ready
- N-in-1, Poster mode, Overlay function
- Print status
- Duplex Printing (Only for DP-8020E)

### Powerful Copying

- Compact Wingless 20 cpm digital copier
- Fast first copy 6.9 sec
- Digital skyshot, Double exposure, Completion notice
- Duplex copying (Only for DP-8020E)

### Network Scanning

- Standard 1.1 sec. per page Network scanner (Scan to PC)
- Scan to Email
- Easy document management operation (Quick Image Navigator)

### High-speed Super G3 fax (Option)

- Fast 2.9 sec. transmission
- Quick memory Transmission
- Fax Job Build
- Optional Keyboard

### Enhanced Security

- Network User Authentication
- Job Tracking with Network Accounting Manager (Option)
- Mailbox/Secure Mailbox Printing
- Department Code by function (Print/Copy/Scan/Fax)

# 8020



## > Compact affordable workgroup solutions

Combining printer and copier functions in a single platform with A3 size capability, the DP-8020E/DP-8020P provides a practical, cost effective solution for office document processing. The standard 10/100 Ethernet interface allows the DP-8020E/DP-8020P to serve as a network printer right out of the box. By moving the output tray "inside" and eliminating protruding paper trays, WORKiO's small footprint saves valuable office space. This compact "wingless" design enables installation anywhere, even on a small desktop.

# all-around printing

## > High Speed Network Ready Printing

When connected to your office LAN via the standard 10Base-T/100Base-TX Ethernet interface, the DP-8020E/DP-8020P serves as a high-speed, high-quality laser printer capable of handling documents up to A3 size. Even while performing at a quick 20 ppm (A4 size), the printer maintains crisp 1,200 dpi equivalent x 600 dpi*1 image quality. This standard connectivity will allow all the PC's on your LAN to take advantage of the printing capabilities and cost savings provided by the WORKiO DP-8020E/DP-8020P. When connecting to an individual PC, a standard USB interface is available. To top it all off, the DP-8020E/DP-8020P has a variety of business friendly functions such as Zoom Print, Poster Mode, and N-in-1 Print.

*1 - Optional Printer Controller Module or Multi Page Description Language Controller Moudle is required



PCL Print *2          PostScript Print *3

*2 Optional printer controller Module is required

*3 Optional Multi-page description language controller Module is required
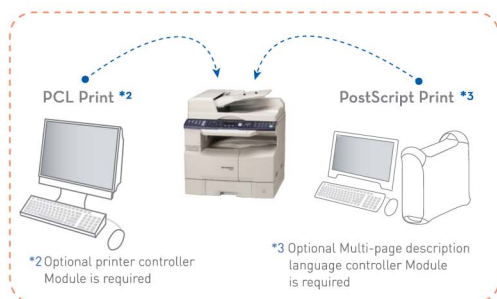
## > Duplex Versatility

Duplex capability is standard on the DP-8020E, enabling printing, copying and faxing on both sides of the paper for higher productivity and economical savings. Used in combination with one of the optional Automatic Document Feeders (ADF), the user can stack single-sided originals in the document feeder and reduces paper consumption by creating two-sided copies. An optional inverting Automatic Document Feeder (iADF) lets users stack two-sided originals and automatically obtain two-sided copies.



2-sided printing/copying

| | 1»»2 | 2»»2 |
| --- | --- | --- |
| Original | | |
| Print Out | | |
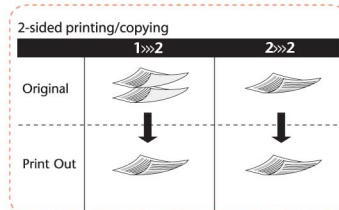
## > You know it's ready

The Device Monitor allows you to check the current status of the DP-8020E/DP-8020P without leaving your desk. When the toner is low or the paper tray is empty, users can respond immediately especially when trying to meet an important deadline.
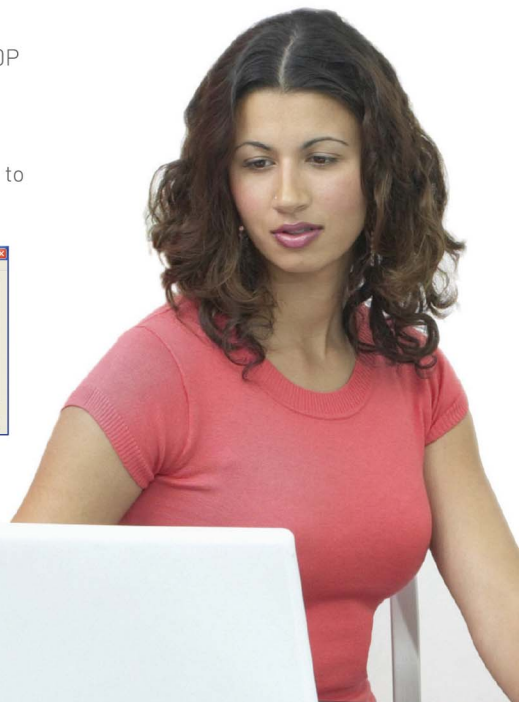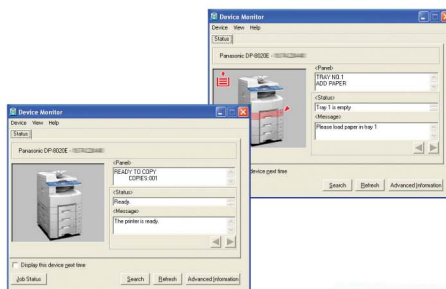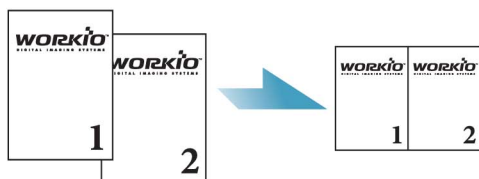
# versatile copying

## > 2-in-1 Copying

This handy feature saves paper by fitting two reduced images on one sheet.



## > Completion Notice

The Completion Notice function will automatically notify you when your copy job is complete thus avoiding any costly downtime.

## > Digital SkyShot

By making a copy with the cover open, this convenient function eliminates annoying black borders that also waste toner.
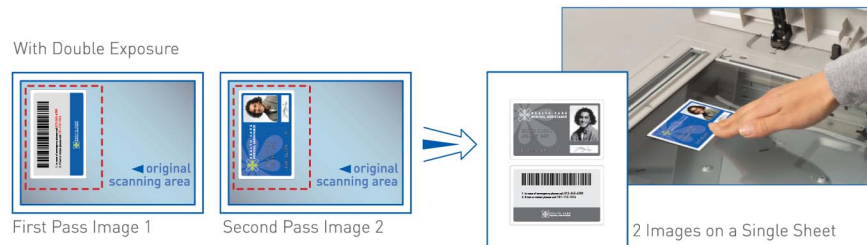


Original Scanning Area
Original
Without Digital SkyShot
With Digital SkyShot
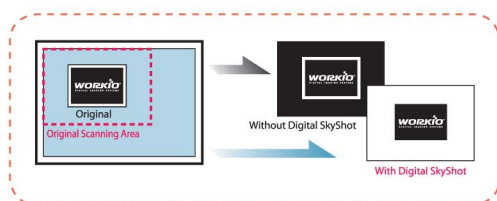
## > High Speed Digital Copier

The DP-8020E/DP-8020P copies at a quick 20 ppm with crisp 600 dpi quality, provides A3 size input and output, and improves efficiency with Double Exposure, 2-in-1 copying, Digital SkyShot and Image Rotation. An Automatic Document Feeder (ADF) and an inverting Automatic Document Feeder (iADF)*4 are available as options to accelerate copying of multi-page originals. And with standard electronic sorting, you won't have to hand-sort those larger copy jobs. In addition to 600 x 600 dpi resolution and a 256 level gray scale, the DP-8020E/DP-8020P consistently provides optimum image quality by constantly monitoring and adjusting for room temperature and humidity conditions.

*4 For DP-8020E Only

## > Double Exposure

By selecting the Double Exposure function, users can make quality copies of 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, cheques, and receipts.



With Double Exposure

First Pass Image 1 — ◄original scanning area

Second Pass Image 2 — ◄original scanning area

2 Images on a Single Sheet

## > Optional keyboard

Optional keyboard allows registration of up to 32 stations for Fax numbers, Email addresses and PC's addresses for easy one-touch sending. In addition, you can use the QWERTY keyboard to name your documents before you scan or email them.
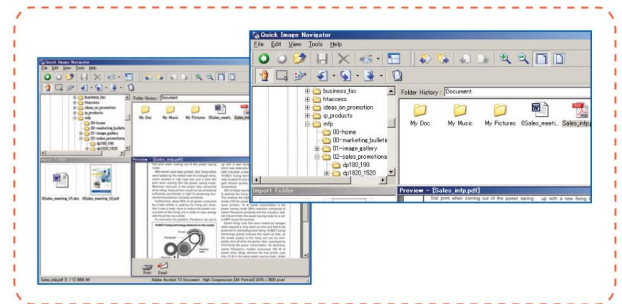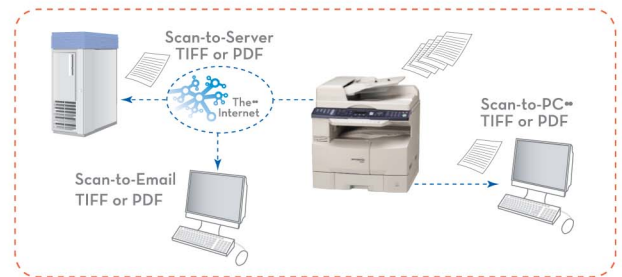
# powerful scanning

**> Scanning - the first step toward versatile imaging communication**

The DP-8020E/DP-8020P is also a powerful network scanner that revolutionises document distribution. The standard Network Scanner function quickly converts paper documents up to A3 size into high-resolution 600 dpi digital files for easy storage and distribution. Plus the "File-Naming" feature gives you the freedom to name the file before you scan for easy identification.

**> New document management & collaboration tool**

Our Quick Image Navigator software features a Windows-like document structure which assists you with previewing PDF thumbnails, adding annotations and edits, and sends image files to various destinations with one easy application on your desktop.

# quick faxing

**> High Speed Super G3 Fax**

With the optional Super G3 Fax, the WORKiO DP-8020E/DP-8020P is a powerful fax station capable of high-resolution transmission and reception of up to A3 size documents with 0.7 sec.[5] high-speed "Quick Scanning" and Quick Memory Transmission. The DP-8020E/DP-8020P is capable of faxing up to 50 sheets at one time and with the Fax Job Build function, even documents of more than 50 sheets that were scanned at different times can be sent at once. The optional fax communication board and standard Panafax Desktop software allows users to fax documents directly from their PC via the LAN and WORKiO to fax machines around the world.

*5 - A4 portrait in Standard or Fine mode with ADF
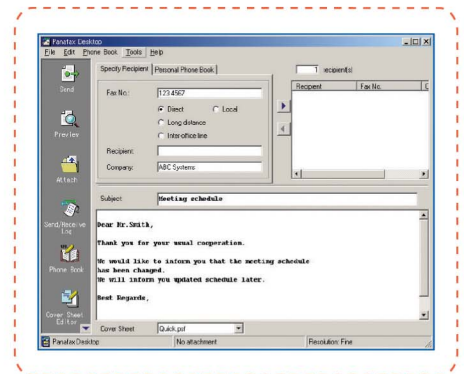
# "digital age" security

**> Know your users**

**-User Authentication-[6]**

 User Authentication not only bolsters security and ease of administration by using the same user names and passwords registered in your Windows Active Directory server database, but it also enables the setting of usage restrictions on printing and copying for more efficient cost management and control.

*6 - Requires Active Directory environment on the network.
This function is not available in certain destinations
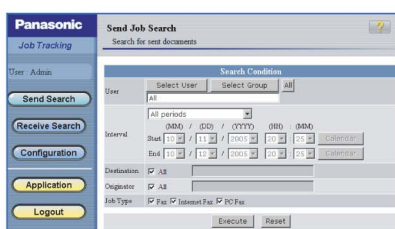
**-Mailbox-**

The Mailbox feature gives users the chance to store print jobs at the device. This way, users are able to print documentation at a later time to help keep their print job separate from everyone else's.

**-Secure Mailbox-**

Confidential documents can be temporarily stored in the secure mailbox. Users enter their password to safely print out the documents at any time they choose.

**> Keep track of work**

The optional Network Accounting Software[7] collects and tabulates log information data such as number of prints, copies, scans and faxes. Office administrators can obtain an analysis by both department and user to gain valuable insight on the current usage of the device such as the number of prints, copies, scans, and faxes. The Job Tracking function confirms the volume of faxes, PC Faxes, and email transmissions / receptions.

*7 - Requires optional Hard Disk Drive Unit and Image Memory