



CASSIOPEIA™

HANDHELD PC A-20E

960-329/330
100-328



Designed for
Microsoft®
Windows®CE



The CASSIOPEIA A20E

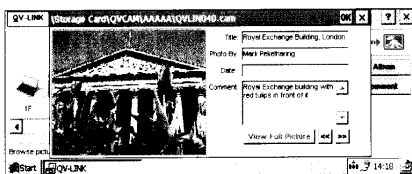
is a mobile companion
for Microsoft Windows
95/Windows NT -
based PCs.



Additional Software Included.

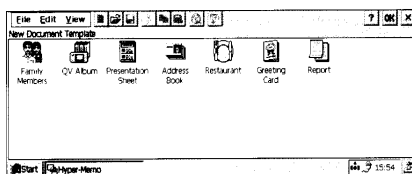
QV-Link

This application allows you to transfer images to and from CASIO QV Digital cameras using your CASSIOPEIA. You can edit lines, comments and dates and more. You can rearrange or delete the images in the camera too. The presentation mode allows you to control the display of presentations through your CASIO QV camera to your television.



Hyper-Memo

An extensive selection of built-in templates helps you produce polished documents in an instant. Data is in HTML format, which can be viewed using Microsoft Pocket Internet Explorer. Graphic images can be pasted into documents or directly imported from a CASIO QV Digital Camera.



bFAX Pro

Fax software created by bSquare Development allows you to easily send and receive faxes incorporating CASIO QV Digital camera images directly from your CASSIOPEIA.

Paint-Atlas

Exclusive drawing/painting application with special map symbol library and drawing tools.

QuickNotes

Use QuickNotes by CIC to quickly and easily capture your hand-written notes, ideas and sketches.

Financial Consultant Calculator

Exclusive Financial Consultant Calculator developed by LandWare for financial calculator

IntelliMigrate

IntelliMigrate by Puma Technology is designed to easily transfer all calendar, contact and action item information from other handheld devices to the CASSIOPEIA.

Sound-Vega

Sound-Vega lets you record and playback audio with the same ease of operation to that of a tape recorder. You can edit sound data and change the sound format while viewing a waveform on the display.

Casio Voice Application/ smART Command

Performs a wide range of everyday tasks, such as launching and controlling applications with simple, programmable voice commands. Prompts and helpful browsers simplify programming. SmART Command is based on a highly flexible speech recognition engine that adapts to each individual user's voice commands. Users can issue commands in a normal speaking voice.

Casio Voice Applications/ smART Contact

Enables a speech recognition capability for the Contact Manager supplied with the Windows CE operating system software. SmART Contact will look up the contact name after the user speaks into the CASSIOPEIA's microphone. Once found, the user can say "Dial" and the program will dial the contact's phone number, using DTMF tones through the built-in CASSIOPEIA speaker. Give the command "E-mail" and the program will launch the Internet Explorer e-mail program and automatically insert the contact's e-mail address in the address field. SmART Contact uses the same accurate speech recognition engine as smART Command.

Casio Voice Applications/ smART Memo

Provides a voice memo function on the H/PC and allows users to record voice or other sounds as a file using the H/PC's microphone. Once the voice or sound is recorded, the file can be played back by simply saying, "Playback" or removed by saying "Delete". The program comes with a memo manager which provides easy sorting, look-up, playback or deleting of the stored memos.

MobileSoft, Inc. Tetris

Tetris for Windows CE is a time-tested, entertaining program, with ten challenge levels to choose from.

These software titles are included on a CD ROM. Fax transmission and remote access require the use of a separate modem.

Synchronisation with Microsoft Schedule+/Microsoft Outlook. Simply attach the CASSIOPEIA to a Windows 95/Windows NT Workstation 4.0 desktop PC for easy linking and data synchronisation. Data can be instantly downloaded from the desktop PC for total portability. Data input on the road can be uploaded to the desktop PC.

The CASSIOPEIA comes with pocket versions of three of the world's most popular PC applications, Microsoft Word, Microsoft Excel and PowerPoint. Simple data exchange with Microsoft Word and Microsoft Excel.

Internet access on the go

Use Inbox to send and receive e-mail anywhere you are. Use Microsoft Pocket Internet Explorer to surf the Net. Internet access requires a modem and the subscription to an Internet provider.

Includes Microsoft Pocket PowerPoint

With Microsoft Pocket PowerPoint you can display presentations authored on the desktop, plus edit the title slide and re-order the slides. Microsoft Pocket PowerPoint lets speakers see

Project Management Software

Exclusive project management and scheduling software that can easily exchange files with the desktop PC version of Microsoft Project. Available on the www.*

Direct Printer connection

Connect to a standard printer for direct printing of CASSIOPEIA data, or via IrDa with suitably specified printer hardware. A commercially available converter is required for printing. Two slots (PC card slot & CompactFlash card slot).

Hardware Specifications

- **Model:** A-20E
- **Display:** 640X240 dots FSTN LCD 4 grayscale monochrome with backlight
- **CPU:** SH3, 80 MHz
- **RAM:** 8MB
- **Built-in Speaker**
- **Interfaces:** RS-232C 115.2 KBPS, Data communication jack, PC card slot, CompactFlash card slot
- **Infrared port(IrDA-compatible protocol):** Communication distance: 10 to 70cm Maximum Speed: 115.2KBPS
- **Power Supply:**
 - **Main:** Two AA-size alkaline batteries LRG(AM3): A-B10LT Rechargeable Battery Pack(lithium ion batteries); 240 volt DC power supply
 - **Back up:** One CR2032 lithium battery
- **Power Consumption:** 3.0W
- **Battery Life:**
 - **Main:** AA-size alkaline batteries: Approximately 25 hours repeating one minute of input in Word, followed by 10 minutes of display: Approximately 10 hours(input of 90 characters per minute in Word)
 - **Rechargeable battery pack:** Approximately 15 hours repeating one minute of input in Word, followed by 10 minutes of display: Approximately 10 hours(input of 90 characters per minute in Word) Main battery life is shortened by use of a modem card or PC card
 - **Back-up:** Approximately 5 years when main batteries are replaced immediately after display of the message; "Your main batteries are running very low on power. Please change the batteries at your next opportunity". Approximately 1 month when no power is supplied from the main batteries.
- **Operating Temperature:** 0C to 40C(32 F to 104F)
- **Charging Temperature:** 0C to 35C(50 F to 95F)
- **Dimensions:** 24.5Hx185Wx94Dmm(1"Hx7 1/4"Wx3 1/16"D)
- **Weight:** 430g(15.2oz)(with two AA-size alkaline batteries)

Desktop Computer System Configuration

Minimum Desktop Computer Requirements

• Microsoft Windows NT Workstation 4.0 or Windows 95 • Desktop computer with a 486/33DX or higher processor (Pentium P90 recommended) • 12 MB of memory for Windows NT Workstation 4.0 • 8MB of memory (12 MB recommend) for Windows 95 • Hard disk drive with 10 to 50 MB of available hard disk space (actual requirements will vary based on selection of features and user's current system configuration) • Available 9 or 25 pin communications port (adapter required for 25 pin communication port) • One CD-ROM drive • VGA or higher-resolution graphics card (Super VGA 256-colour recommended) • Keyboard • Microsoft Mouse or compatible pointing device.

Options for either Windows NT Workstation 4.0 or Windows 95:

• Audio card/speaker for sound • Microsoft Office 97 or Microsoft Office 95 • Serial or built-in infrared adapter for synchronisation • Modem for remote synchronisation • Ethernet LAN connection for remote synchronisation. Some of the applications contained on the CASSIOPEIA Bonus Software Applications CD-ROM may require a system configuration different from that described above.

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