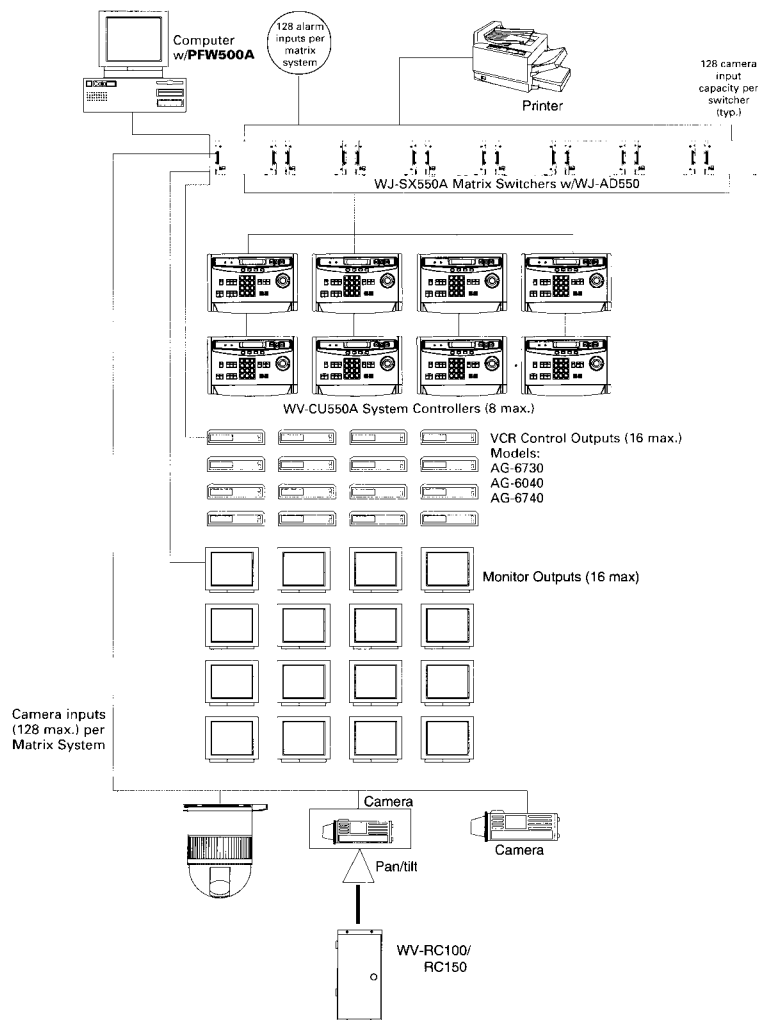# PFW500A/ PFW500SLA/ PFW500UGA Proteus For Windows® Interactive PC/CCTV Control System

PRODUCT FEATURES

• Windows 95 compatible

• Provides simple operation of complex CCTV systems

• PC operation via mouse or touch-screen

• Fully customized for each installation

• Near real time video display on computer VGA CRT

• Auto focus support for unitized cameras

• Alarm devices may be selectively disabled

• Quick setup feature

• Extended device icon library

• Direct camera access using PC numeric keypad

• 2-stage visual alarm status indication

• Event execution by alarm, icon, time/date or third party RS-232C input

• History file of all system activity

• Integrates with other security and safety systems with universal I/O feature

PFW500A WITH MATRIX SYSTEM 500

PFW500A/PFW500SLA/ PFW500UGA Proteus For Windows® Interactive PC/CCTV Control System

GENERAL SPECIFICATIONS
PRODUCTS

PFW500A	Proteus for Windows control system software, video grabber board and manual
PFW500SLA	Site license for additional PC control (up to 5 PCs per site). Includes software, video grabber board, RS-485 converter and manual
PFW500UGA	Upgrade from PFW300 and PFW500 software. Includes software, video grabber board and manual

SYSTEM COMPONENTS

Matrix Switchers	WJ-SX550A with WJ-AD550: 8 units max.
Video Switchers	WJ-SQ508 (System 300): 42 + 6 units max.
Data Multiplexers	WJ-MP404 (System 300): 32 units max.
PC Interface Receivers	WJ-PC10 (System 300): 2 units max. WV-RC100/150
Pan/Tilts	WV-7260D/7230D/7225, most 24VAC units

Unitized Cameras	WV-CS654/CS404/BS304/BS504 Series
Time-Lapse Recorders	AG-6740 with AG-IA671
Number of VTRs Controllable	32 max.
Alarm Icons	Standard Windows ICO, 2-stage
Map Format	Standard Windows BMP

PC REQUIREMENTS

CPU Type	486–66MHz or Pentium processor
Hard Drive	500M bytes min.
Memory	16M bytes RAM min.
Bus Type	ISA for video grabber board
VGA Type	ISA or PCI
Mouse	Bus mouse only
Touch-Screen	Bus mouse emulation
Code Switcher	Black Box™ COS16 + extensions
Map	Standard Windows bitmap (*.bmp) format (can be created with Microsoft Paintbrush™)
Operating System	Microsoft Windows 95
Recommended Serial Ports	8 RS-232 for max. system size
Printer Port	1 parallel
Video Frame Grabber	Included with PFW500A

Weights and dimensions shown are approximate.
Specifications subject to change without notice.

ARCHITECTS' AND ENGINEERS' BID SPECIFICATIONS

The CCTV Control Software shall be a software program designed to simplify operation of large scale CCTV systems employing a sophisticated Proteus 500 Master Control System by Panasonic. The software shall be designed to allow users to operate every camera, time-lapse recorder and switcher in the system from a personal computer. The CCTV Control Software shall be the Panasonic Model PFW500A or equivalent. The main operator monitoring screen shall provide a video monitoring window that can display any video source (connected to a system video input) on the system, including any system camera. Command buttons shall include the following and be accessible via mouse, trackball and touch-screen: sequence, spot, map, camera call, camera pan/tilt, zoom in, camera controller, setup, directory, personnel file, system resource status, matrix system status check, selected camera, selected monitor, operator log in status, video cassette recorder status, video cassette recorder counter, video cassette recorder control, video cassette recorder select, call (select) system, alarm status, alarm log, system log, operator log on, exit system and clear message. The PFW500A System shall support no less than 8 fully configurable operator levels for system monitoring, operation and administration functions. The multiplex technology incorporated in the PFW500A CCTV Control Software shall provide advanced remote control operation of multiple camera locations. The multiplex technology shall allow the operator to view over 500 cameras and control over 100 camera locations with pan and tilt devices and zoom lenses. The software shall let the operator access and program preset positions, auto focus setup, back light compensation circuitry, scene file memory, electronic sensitivity up and digital motion detector in the Panasonic WV-CS654 and WV-BS504 integrated camera device series and intelligent camera series. In addition, on-screen camera menu features shall be accessible for the WV-CS404, WV-BS304, WV-CP654 and WV-BP554 intelligent cameras. Receiver programming shall be applicable to models WV-RC100/150. Auto focus control support for the Unitized Surveillance Device shall be included in the PFW500A Software. Pan/tilt control of the camera shall be accessible via mouse, trackball or touch-screen control, permitting the user to simply place the cursor on the subject to be followed. All system controls shall support operation by use of a PC mouse or touch-screen monitor. Cameras for a selected Switcher or Matrix System shall be accessible directly from the PC's numeric keypad. 8 WJ-SX550A Matrix System Card Cages and up to 48 WJ-SQ508 Programmable Switchers shall be programmed in any master/slave configuration desired. Data multiplexers WJ-MP404 shall be able to be included in the system configuration up to 32 units maximum; computer interface adaptor WJ-PC10 up to 2 units maximum. System selection button shall provide direct selection of any of 8 Matrix System 500 (WJ-SX550A + WJ-AD550) Crosspoint Switching Systems. Up to 32 Panasonic time-lapse VCRs equipped with AG-IA671 RS-232C interfaces shall be controlled by the PFW500A Graphical User Interface, when equipped with a user-supplied electronic code switcher. The system shall further enhance operation by centralizing control operations, adding electronic features and integrating related security and safety systems. The PFW500A CCTV Control Software shall accept alarm, or input information from a foreign system capable of supporting EIA standard serial communications in accordance with the CCTV Control Software's serial speed and bit configuration. The foreign system's output data stream shall be accepted at the CCTV Control Software's serial input port and assignable to any (or multiple) System Events from the command set. This general, universal I/O shall be applicable to Access Control Systems, Intrusion Detection Systems and Intercommunication Systems capable of serial output data. Operation shall be simplified by allowing users to fully customize the software with detailed maps and diagrams of their facility. The CCTV Control Software shall accept bitmap files of user floor plans (H.bmp). System, camera and event icons shall be fully configurable by the user and placed anywhere on the graphic maps. System icons shall be able to link automatically to other graphic maps representing detailed representations of a site plan or a cut-away view of a structure. The System shall be capable of supporting multiple event procedures that are executed by customized user icon access. Event icons shall access event modules to allow automatic execution of predetermined tasks. Any command that is part of the System Command Set (monitor-to camera, eject VTR tape, sequence, etc.) shall be assignable to an event icon for execution by the user.

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