



PIH6040E 4 Channel Monochrome Multiplexer
EZ # 077740

An extremely high quality monochrome multiplexer, capable of recording 4 cameras onto a single VCR while simultaneously displaying the live cameras on a single monitor. Images

can be frozen on screen with the digital FREEZE function.

Alarms and video loss are indicated via an on-screen message and an audible buzzer, alarmed cameras can be configured to record more frames on activity. All of the settings are configured via the simple on-screen menus which are stored in non-volatile memory and thus retained in the event of power loss. Time and date is encoded onto the videotape so that it can be removed from the image on playback.

Each camera is identified by an on-screen title of up to 8 characters. Alarm inputs can be set to either NO (Normally Open) or NC (Normally closed) as can the global alarm output. There are individual gain adjusters for adjusting each video level.



UKIH800II Keyboard Controller
EZ # 079606

This keyboard can be used to control domes directly, a matrix switcher or an entire system, via our standard RS-485 telemetry protocol.

There are control keys for every major function of the matrix switchers, fast dome cameras and telemetry receivers including proportional joystick, one-touch preset buttons, autopan

and lens controls. LED lamps indicate whether focus and iris are set to manual or auto for the current dome and whether it is set in Autopan mode.

12Vdc Power is connected via a jack on the rear panel, alongside the 2 DIN connectors for RS-485 input and output. A LED lamp indicates when power is on and an audible tone confirms keystrokes, accepted commands and alarm activation. A dip-switch configures each keyboard for either direct connection to a dome, connection to a matrix as a master or connection to a master keyboard as one of seven slaves. The keyboard is constructed from extruded aluminum with plastic end caps and buttons. A 12Vdc supply is included.

This telemetry receiver allows for control of Pan Tilt & Zoom cameras from the Merit keyboard or matrix system. It can be used on the same system as fast dome cameras making it ideal for upgrades and additions to existing installations. The PIH7000 and 7600 series do not require this telemetry receiver as it already has one built in.



PIH820 Telemetry Receiver
EZ # 079607

The unit is connected to a mains supply and power is switched to the relevant outputs as required to control ancillary equipment. An internal transformer reduces the voltage down to 24Vac, 12Vdc and 6Vdc for low voltage equipment such as cameras.

Relays provide control of auxiliary outputs, wash/wipers and lighting. Two BNC connectors provide a video loop-through for local camera testing.

The dip switch sets the unique address for each receiver, so that they can be selected from the control keyboard, there is an RS-485 input and output for telemetry connection. The PCB is housed in a weatherproof box with 3 cable glands.

An extremely high quality colour multiplexer, capable of recording 16 cameras onto a single VCR while simultaneously displaying the live cameras, in real time, on a single monitor.



PIH616N 16 Channel Colour Multiplexer
EZ # 077741

Images can be viewed live or played back in 4x4, 3x3, quad display or any one camera in full screen. A spot monitor output allows a single camera to be selected to a 2nd live monitor.

Alarms and video loss are indicated via an on-screen message with details being stored in a 100 event log. Alarmed cameras can be recorded at faster rates onto the VCR and a red border is imposed over the alarmed image, making it easy to identify events. Replayed images can also be frozen on-screen.

All of the settings are configured via the simple on-screen menus which are stored in non-volatile memory and thus retained in the event of power loss. The time and date is encoded onto the videotape digitally, allowing it to be turned off during playback images if necessary time and date can also be displayed on the live images in a variety of ways or turned off completely, as can the 8 character camera-title.

A live sequence can be set to switch smoothly through all available cameras.



PIH308 Multiple Pan, Tilt, & Lens Controller
EZ # TBA

This unit provides full control of up to 5 PTZ's, via hardwire connections as opposed to telemetry control.

The 5 main rocker switches control movement left/right and up/down along with zoom, focus

and manual iris. There is also an adjustable control for altering the speed of the lens functions.

A range of voltage options are available depending on the requirements of the pan & tilt, the lens power output is 8-16Vdc. Each lens and head are selected via a numbered push button, which then illuminates a LED.

The steel desktop box is finished in dark grey enamel with all connections provided for on the rear.

This high performance colour monitor features a black FST tube that offers excellent contrast and image quality, with accurate colour reproduction and definition.

There are 2 BNC composite video inputs and 2 RCA audio inputs, either of which is selected by a switch on the rear panel. Additionally an SVHS input enables increased picture quality when using SVHS signals. All 4 inputs each have their own output for loop-through, with termination of the video signal via a selector switch for 75 ohm or High.

Front panel controls for brightness, contrast, colour and volume (plus tint for NTSC) are all digital push buttons, with LED indicators. Power is controlled via a push button on the front and indicated via an LED.

The monitor is manufactured to a high standard in steel, with a plastic front bezel and finished in two tones of grey.



PMH217C 17" High Resolution Monitor
EZ # 077738