

**HITACHI**

# CPM2104C/CPM2504C

## Combined Monitor and Camera

- 21" or 25" versions
- Highly effective deterrent
- Ideal for public access areas
- Self contained, needs only mains connection
- Y/C and composite video output available
- Superb image quality and backlight compensation



**CPM2104C**



**CPM2504C**



# CPM2504C/CPM2104C: Combined Monitor and Camera



**A simple, powerful, new concept - the camera is in the monitor, its output is on the screen. Any subjects in shot are, by definition, able to see themselves on screen. As a result, this easily installed and highly visible surveillance is a powerful deterrent against crime in any location.**

## Simple Installation

With their integral cameras these units are entirely self contained crime deterrents, requiring only mains connection to produce a strong security message.

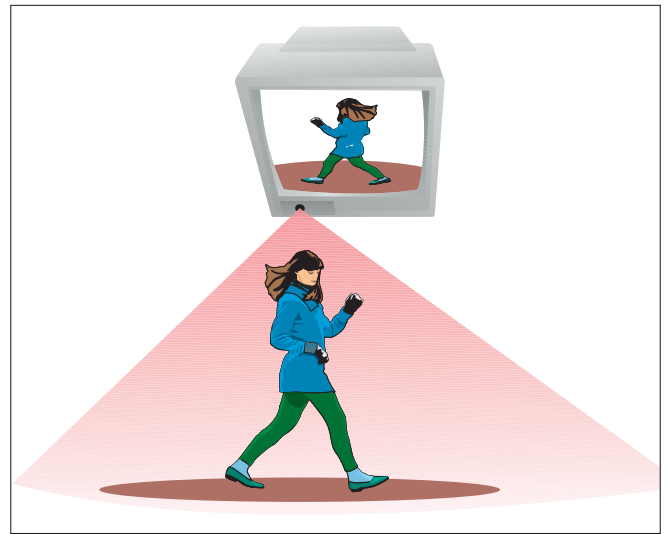


No separate camera mounting is required nor cabling from camera to monitor. If needed, however, both Y/C and composite video signals can be taken to a video recorder or central display, and an optional RS-232C interface includes digital pan and zoom. All connections are to a single Euro SCART socket at the rear.

## Quality coverage

A 34° field of view captures a wide area and the large 21" or 25" CRTs mean that subjects can clearly see themselves on screen. Excellent display quality is ensured by using a high quality lens and the Y/C camera output to take full advantage of the monitors' 400 line resolution, reinforcing the message that subjects in shot are clearly identifiable.

The camera uses Hitachi's advanced digital signal processing (DSP) for intelligent, automatic control of white balance, iris and backlight compensation. The quality of the latter is the best available in this type of system - an essential requirement for retaining subject detail in entrance/reception area installations where these units can be most effectively deployed.



## Specifications

### Display

CRT: CPM2104C: 21"  
CPM2504C: 25"

Colour system: PAL (CCIR)

Resolution: 400 lines

Front controls: Push button power on/off, red power on LED Indicator, rotary contrast, saturation, brightness

### Camera

Image sensor: 1/3" CCD

Resolution: 340 lines

Sensitivity: 5 Lux @ F1.8

Lens: Fixed 34°

Signal processing: Digital Signal Processor (DSP)

Intelligent automatic control by DSP: Backlight compensation, white balance, auto iris

Manual control by optional RS-232C: Backlight compensation, white balance, manual iris  
Digital zoom up to 2x  
Digital pan  $\pm 9^\circ$  @ 1.5 zoom  
Digital tilt  $\pm 7^\circ$  @ 1.5 zoom

Signal output: Composite and Y/C

Signal connector: Modified Euro SCART

### General

Power: 220/240V AC, 50Hz,  
CPM2104C: 72W  
CPM2504C: 103W

Power cable: Captive, with 5amp fused plug fitted

Dimensions (mm): CPM2104C: 508 x 478 x 480 (WxHxD)  
CPM2504C: 701 x 522 x 465 (WxHxD)

Weight: CPM2104C: 20kg  
CPM2504C: 22.5kg