

# Digital colour camera ZC-Y41PH4/-PH3



## The performance features at a glance

- High-resolution colour camera
- Integrated 1/3" CCD chip
- Horizontal resolution of 540 TV lines
- Versatile installation options
- For indoor or outdoor use
- Fits C and CS lenses
- Minimal illumination of 0.3 lx
- Excellent colour reproduction
- Easy back focus adjustment
- 12 VDC / 24 VAC or 230 VAC

## High versatility

The ZC-Y41PH4/-PH3 colour cameras can be used for indoor or outdoor surveillance. The digital colour/black & white function ensures high-quality colour pictures in normal light conditions (day) and switches automatically to black & white mode in low light conditions (night). Thanks to their light sensitivity, the cameras are also suitable for poorly lit areas.

## Outstanding advantages

If necessary, the electronic shutter corrects for any excessive light incidence at up to 1/100,000 second. Lenses with manual or DC iris control can be used on the Y41 series.

## High-performance technology

The ZC-Y41PH4 and -PH3 have a sensitive 1/3" IT-CCD light sensor that produces a resolution of 540 lines. When used in environments with fluorescent lighting, F.L. mode can be enabled to reduce flicker.

## Order data

Order number	Product description
ZC-Y41PH4	HQ1 colour camera, 1/3" CCD, 540 TV lines, colour 0.3 lux (F 1.2), 230 VAC, 260 g, colour/black & white switching (electronic)
ZC-Y41PH3	HQ1 colour camera, 1/3" CCD, 540 TV lines, colour 0.3 lux (F 1.2), 12 VDC/24 VAC, 260 g, colour/black & white switching (electronic)

# Digital colour camera

## ZC-Y41PH4/-PH3

### Other special features

Additional functions such as back light compensation (BLC) or day/night switching (colour mode or automatic) can be enabled by DIP switch.

### Advantages for the installer

These cameras can satisfy all requirements with their easy installation, tool-less adjustment and comprehensive mounting accessories. C and CS lenses can be used. This enhances the flexibility of the ZC-Y41PH4/-PH3 and allows the use of zoom lenses for accurate surveillance in every detail.

Technical specifications	ZC-Y41PH4	ZC-Y41PH3
Video system	PAL	PAL
Video output	1.0 V p-p 75 Ohm	1.0 V p-p 75 Ohm
Operating voltage	24 VAC / 12 VDC	230 VAC
Current draw	4.5 W max.	4.5 W max.
Imager	IT-CCD	IT-CCD
Horizontal resolution	540	540
Light sensitivity F1.2	0.3 lux	0.3 lux
Shutter speed (AES)	1/50 – 1/100000	1/50 – 1/100000
Manual shutter	1/50, 1/120 FLK, 1/250, 1/500, 1/1 K, 1/2 K, 1/4 K, 1/10 K, 1/100 K	1/50, 1/120 FLK, 1/250, 1/500, 1/1 K, 1/2 K, 1/4 K, 1/10 K, 1/100 K
Synchronization	Internal / line lock	Internal / line lock
Automatic amplification	Normal / turbo	Normal / turbo
Signal-to-noise ratio	48 dB	48 dB
White balance	2700°K ~ 9700°K	2700°K ~ 9700°K
Operating temperature	-10°C – 50°C	-10°C – 50°C
Storage temperature	-20°C – 60°C	-20°C – 60°C
Weight	260 g	260 g
Dimensions (W x H x D)	62 mm x 58 mm x 120 mm	62 mm x 58 mm x 120 mm