

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