

**AR-4M3/2P & AR-5H3/2P Series Digital Colour Cameras**

- Advanced ATW
- Smart Auto BLC
- Super AGC
- External synchronisation
- Video drive, direct drive or electronic iris control
- High sensitivity
- Hyper HAD technology
- Isolated switching power supply



Using Hyper HAD chip technology, the sensitivity on these models is excellent. Super AGC boosts the video signal by another 6 dB.

Smart BLC (Back Light Compensation) is achieved by special weighting integration of the 225 separate windows.

Iris gain and white balance is simultaneously controlled so that a clear image is produced under extreme lighting conditions.

The cameras accept a wide range of power supply inputs.

With exceptional performance and budgetary conscious constraints in mind, the range of Aritech digital colour cameras are designed to meet today's most demanding surveillance requirements.

*The high performance series of digital cameras offer a wide range of applications. The advanced ATW (Auto Tracing White Balance) ensures that colour images remain natural under even the most demanding conditions.*

## AR-4M3/2P & AR-5H3/2P Series

### → Technical data

Image device	1/3" interline transfer Hyper HAD CCD
Signal system	PAL
Picture elements	795 x 596 (H x V) 542 x 582 (H x V)
Scanning system	625 lines; 2:1 interlace
Sync system	Internal / Line lock sync, Gen-lock optional
Horizontal resolution	480 or 380 TV lines
Minimum illumination	0.5 lux at F1.2
Aperture correction	H aperture and V aperture
Gain	AGC, Super AGC; Max. AGC 30 dB; MGC
S/N ratio	Better than 48 dB
Auto exposure system	CCD iris mode : 1/50 - 1/100,000 sec.
White balance	
ATW	Standard range : 2500°K to 9500°K
AWB	Conventional
Back light compensation	Auto detect, histogram plus 225 area central windows weight BLC
Gamma correction	On = 0.45; off = 1
Video output signal	Composite : 1 Vp-p at 75 Ohm load Y/C : Y=1 Vp-p at 75 Ohm load C = 0.286 Vp-p at 75 Ohm (12VDC type)
Lens mount	C & CS mount
Auto iris lens	Accepts video and DC drive iris lens
Operating temperature	-10° to +50° C
Power source	12 V dc; 12 V dc/24 V ac or 85-264 V ac
Power consumption	3.5 W
Dimensions (W x H x D)	57 x 52 x 110 mm

### → How to order

AR-4M3P	1/3" digital colour camera, 380 lines, C/CS mount, 85-265 V ac
AR-4M2P	1/3" digital colour camera, 380 lines, C/CS mount, 12 V dc/24 V ac
AR-5H3P	1/3" digital colour camera, 480 lines, C/CS mount, 85-265 V ac
AR-5H2P	1/3" digital colour camera, 480 lines, C/CS mount, 12 V dc/24 V ac

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