

ARX-4M3P & ARX-4H3P

1/3" High Resolution Ultra Sensitive Digital Colour/Mono IR Cameras

ARITECH

- Colour by day
- 1/3" IR sensitive camera, 0.005 lux
- Ex-view HAD sensor
- High resolution 480 lines
- Super AGC
- Smart auto BLC
- Advanced ATW
- Video drive, direct drive or electronic iris control



The 1/3" Ex-view HAD CCD sensor is at the heart of the ultra sensitive colour/mono digital camera. A combination of special optical and digital processing ensures high resolution, sharp daytime colour pictures and clear crisp monochrome pictures under low light and IR illuminated conditions.

The advanced Auto Tracking White balance (ATW) ensures that colour images remain natural, while the Super AGC boosts the video signal should it become necessary.

Smart Backlight Compensation (BLC) is achieved by a combination of Histogram and windows weighted integration of 225 separate windows.

This high performance digital colour camera presents the best of daytime and night time infrared sensitive pictures. Typically, as light reduces to about 2 lux, the camera changes automatically to become more IR sensitive.

*The **Ex-view** sensor technology ensures that sensitivity is excellent, around 0.005 lux, with low noise.*

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company

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→ Technical data

Image device	1/3" interline transfer Exview high sensitivity HAD CCD
Signal system	PAL
Picture elements	
ARX-4M3P	542(H) x 582(V)
ARX-4H3P	795(H) x 596(V)
Scanning system	625 lines, 2:1 interlace
Sync system	12 V dc Internal
	85~265 V ac; 24V Line-lock
Horizontal resolution	
ARX-4M3P	380 TV lines
ARX-4H3P	480 TV lines
Minimum illumination	0.005 lux at F0.75 (target)
	0 lux under Infra-red illumination
Infra-red wavelength	From 780nm to 1100nm
Aperture correction	H aperture and V aperture
Gain	Normal Gain 30dB; Super Gain 36 dB
S/N ratio	Better than 48dB
CCD iris mode	1/50 - 1/100,000 sec.
Auto iris mode	1/50 sec.
Auto iris lens	Accepts Video or DC servo iris lens
ATW	2500°K to 9500°K
AWB	Conventional AWB
Gamma	.45 / 1
Backlight compensation	Auto Detect On/off; Histogram plus 225 AREA windows weight BLC
Video output signal	Composite: 1 V pp at 75 V load
Y/C output (DC model only)	Y: 1.0Vp-p
	C: 0.3Vp-p at 75Vload
Lens mount	C & CS mount
Operating temperature	-10°C to +50°C
Power source	AC 85V ~ 265 V
Power consumption	4.8 W (AC type)
Dimensions (W x H x D)	60 x 53 x 111 mm

→ How to order

ARX-4M3P	1/3" 380 TVL, Ex-view HAD ultra Ni-Vision IR digital camera, 85-265 V ac
ARX-4H3P	1/3" 480 TVL, Ex-view HAD ultra Ni-Vision IR digital camera, 85-265 V ac

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