

## ARX-3M3C & ARX-3H3C

## 1/3" High Resolution Ultra Night Vision Digital Mono Cameras

- 1/3" ultra sensitive camera, 0.0002 lux
- Infrared sensitive camera
- High resolution 600 lines
- Super AGC
- Smart auto BLC
- Video drive, direct drive or electronic iris control



The 1/3" Ex-view HAD CCD sensor is at the heart of this ultra sensitive monochrome camera. With low smear (a characteristic of this type of CCD sensor), this camera has 2 times greater sensitivity on visible light and up to 4.5 times greater sensitivity on near IR illumination (800 nm to 1100 nm) than conventional models.

BLC (Back Light Compensation) is achieved by special weighting integration of 225 separate windows. Iris gain is controlled so that a clear image is produced under extreme lighting conditions.

Adjustable gamma (0.45 or 1) allows optimum setting for image quality.

The cameras accept a wide range of power supply inputs.

With exceptional performance, the ultra night vision digital monochrome cameras are designed to meet today's most demanding surveillance requirements.

*The **ARX-3M3C & ARX-3H3** cameras are designed to meet the most demanding low light applications. With infrared illumination, the models give exceptional performance with bright high resolution images.*

## ARX-3M3C & ARX-3H3C

### → Technical data

|                         |  |
|-------------------------|--|
| Image device            | 1/3" interline transfer high sensitivity Ex-view HAD CCD       |
| Signal system           | CCIR   |
| Picture Elements        |  |
| ARX-3M3C                | CCIR: 542(H) x 582(V)  |
| ARX-3H3C                | CCIR: 795(H) x 596(V)  |
| Scanning system         | CCIR: 625 lines 2:1 interlace                                  |
| Sync system             | 12 V dc internal   |
|                         | 85~265V ac; 24V Line-lock                                      |
| Horizontal resolution   |  |
| ARX-3M3C                | 500 TV lines   |
| ARX-3H3C                | 600 TV lines   |
| Minimum illumination    | 0.0002 lux at F0.75 (target)                                   |
|                         | 0 lux under Infra-red illumination                             |
| Infra-red wavelength    | from 800nm to 1100nm   |
| Aperture correction     | H aperture and V aperture                                      |
| Gain                    | Normal Gain 30dB; Super Gain 36 dB                             |
| S/N ratio               | Better than 50dB   |
| 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                            |
| Gamma                   | 0.45 / 1   |
| Backlight compensation  | Auto Detect On/off; Histogram plus 225 area windows weight BLC |
| Video output signal     | Composite: 1 V pp at 75Vload                                   |
| Lens mount              | C & CS mount   |
| Operating temperature   | -10°C to +50°C   |
| Power source            | 85V ~ 265 V ac   |
| Power consumption       | 4.8W (AC type)   |
| Dimensions (W x H x D): | 60 x 53 x 111mm  |

### → How to order

|          |   |
|----------|---|
| ARX-3M3C | 1/3" 500 TVL mono Exview HAD ultra Ni-Vision IR digital camera, 85-265vAC |
| ARX-3H3C | 1/3" 600 TVL mono Exview HAD ultra Ni-Vision IR digital camera, 85-265vAC |

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