

## TVC-7120-1-P

TruVision™ 960H (700 TVL) True Day/Night Box Camera

### Introduction

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The TruVision™ 960H (700 TVL) box camera supplies superb video quality under variable or harsh light conditions by offering digital noise reduction, ATR (adaptive tone reproduction) which reveals details under wide dynamic range conditions, and HLC (highlight compensation) technology that suppresses intense situations such as strong vehicle headlights at night. Based on the latest CCD and DSP technologies, the camera offers 960H (700 TVL) resolution and high sensitivity performance. Installers of the camera can use on-screen menus to adjust advanced features, such as privacy zones, motion detection and camera titles.



### Standard Features

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- 960H (700TVL) box camera
- 1/3" CCD Sensor
- 0.0227 Lux @ F1.2 (30IRE)
- True Day/Night
- ATR, 2DNR, HLC
- 24 VAC/ 12 VDC
- Fits existing housings, brackets & lenses

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## Specifications

Camera	
Sensor Size:	1/3"
Sensor Scan:	Interlaced
Sensor Type:	CCD
Total pixels (H x V):	NTSC:1028(H) x 508(V) PAL:1028(H) x 596(V)
Effective pixels (H x V):	NTSC:976 (H) x 494(V) PAL:976 (H) x 582(V)
Resolution (color):	960H (700 TVL)
Resolution (B&W):	960H (700 TVL)
Synchronization system:	Internal
Electronic shutter:	Auto 1/60 (1/50) to 1/100,000 sec
Digital S/N ratio:	= 62 dB
Video signal:	1.0 Vp-p / 75 ohm composite
Certification:	UL, CE, FCC, REACH, RoHS, WEEE
Lighting performance	
Wide Dynamic Range:	DWDR
WDR in dB:	NA
Digital Noise reduction:	2DNR
Highlight compensation (HLC):	Yes
Day/Night:	True Day/Night
Motorized IR Cut Filter:	Yes
Color sensitivity:	0.0227 Lux @ F1.2 (30IRE)
B/W sensitivity:	0.0227 Lux @ F1.2 (30IRE)
IR Wavelength:	850 nm
B/W trigger:	0.92 lux
Lens	
Mount type:	C / CS
Control type:	DC
Autoiris:	Yes
Housing	
Camera type:	Box
Outdoor:	No
Rugged:	No
Vandal proof:	No
Power consumption	
PSU included:	No
Voltage Input:	24 VAC / 12 VDC
Current:	330 mA
Power Consumption:	MAX 4.0W
Camera analytics	
Motion Detection:	Yes
Privacy Masking:	Yes
Alarm	
Alarm Input:	1 in
Alarm Output:	1 out
Mechanical / Environmental	
Dimensions:	68.8 x 56 x 111 mm (2.71" x 2.20" x 4.37")
Weight:	400 g (0.88 lbs)
Operating Temperature:	-10 ° to 60 °C (14 ° to 140 °F)
Storage Temperature:	-20° to 70°C (-4° to 158°F)

## Ordering Information

Part No.	Description
TVC-7120-1-P	TruVision™ 960H (700 TVL) True Day/Night Box Camera

