

NESS TUBECAMS

VERSATILE MULTI-PURPOSE TUBE CAMERAS



Part No. 100-728

INFRA-RED

The Ness IR TUBE CAMERA features a high resolution colour camera and lens with a built-in multi-LED Infra-red illuminator for vision even under zero lighting.

The Ness IR TUBE CAMERA is a rugged and easy to setup camera which is ideal for applications where lighting is poor or non-existent.

WEATHER RESISTANT • MACHINED ALUMINIUM BODY • HIGH IMPACT CLEAR WINDOW • SUPPLIED WITH POWER AND VIDEO JACKS ON A ONE METRE CABLE • **SWIVEL BRACKET SUPPLIED**

WORKS IN ZERO LIGHTING



4-9mm ZOOM

Part No. 100-726 Colour High Resolution
100-727 Colour High Resolution, Day/Night

VARIFOCAL

Ness Varifocal TUBE CAMERAs feature a high resolution colour camera with 4-9mm manual zoom varifocal lens.

The Ness Varifocal TUBE CAMERAs are rugged and easy to setup with twist grip Zoom and Focus rings built into the camera body.

Both models feature high resolution 480 line CCD imagers. The 100-727 model has an extra high sensitivity Sony ExViewHAD™ CCD for day/night use.

MACHINED ALUMINIUM BODY • HIGH IMPACT CLEAR WINDOW • SUPPLIED WITH POWER AND VIDEO JACKS ON A 1 METRE CABLE • **SWIVEL BRACKET SUPPLIED**

EASY ADJUSTABLE ZOOM & FOCUS



380 Line Colour
480 Line Colour

Part No. 100-407 Colour Medium Resolution
100-408 Colour High Resolution

MINIATURE COLOUR

The Ness Miniature TUBE CAMERAs are one of the most versatile cameras you could ever use. These cameras are miniature in size and very light-weight, yet include all the features of serious colour surveillance cameras.

Two models are available: 100-407 380 line medium res colour, 100-408 480 line high res colour. Both models are fitted with a 3.6mm lens.

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ULTRA SMALL BODY - HUGE VALUE



400 Line B/W
High Resolution

Part No. 100-387 B/W TubeCam

ULTRA MINIATURE B/W

The 100-387 is an ultra miniature B/W tube camera featuring an extra high resolution 400 line CCD with outstanding low light sensitivity of 0.01 Lux.

This camera is one of the smallest sealed body cameras ever made, (see the coin comparison).

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ULTRA SMALL BODY - HUGE VALUE

ZERO LIGHT

VARIFOCAL

MINIATURE

MINI B/W

SPECIFICATIONS	100-728 COLOUR IR TUBECAM	100-726 COLOUR VARIFOVAL	100-727 COLOUR VARIFOVAL DAY/NIGHT	100-407 COLOUR MEDIUM-RES	100-408 COLOUR HIGH-RES	100-387 B/W
VIDEO						
Image sensor	1/3" Sony colour CCD	1/3" Sony SuperHAD™ colour CCD	1/3" Sony ExViewHAD™ colour CCD	1/3" CCD (Sharp chipset)	1/3" CCD (Sony chipset)	1/3" B/W CCD
Scanning system	PAL, 625 lines, 2:1 interlaced					CCIR, 625 lines, 2:1 interlaced
Effective pixels	752(h) x 582(v)			500(h) x 582(v)	752(h) x 582(v)	500(h) x 582(v)
Horizontal resolution	480 TV lines			330 TV lines	480 TV lines	400 TV lines
Signal to noise ratio	More than 50dB (AGC off)					
Minimum illumination	0.01 Lux @ F2.0 with IR LEDs off 0 Lux with IR LEDs on	0.5 Lux @ F2.0	0.1 Lux @ F2.0	0.5 Lux @ F2.0	0.5 Lux @ F2.0	0.01 Lux @ F2.0
Backlight compensation	Automatic					
Automatic Gain Control	Auto AGC (4dB – 30dB)					
Gamma correction	r=0.45					
Smear effect	0.005%					
Shutter speed	1/50 – 1/100,000					
Lens supplied	3.6mm (92°)	4 - 9mm Varifocal manual zoom		3.6mm (92°)		
ELECTRICAL						
Video output	Composite video 1V p-p, 75 Ohms					
Power requirements	12V DC regulated, 500mA or more	12V DC regulated. (9–15VDC)				
Operating current	350mA @ 12VDC	130mA @ 12V DC		90mA @ 12V DC		
MTBF	80,000 hours					
ENVIRONMENTAL						
Operating temperature	-10°C to +50°C					
Humidity	Within 90% RH					
PHYSICAL						
Dimensions	85mm (length) x 60mm (diameter)	100mm (length) x 35mm (diameter)		82mm (length) x 23mm (diameter)		68mm (length) x 20mm (diameter)
Weight	615g	300g		166g		113g
Connections	BNC female for video, DC jack for power on 1m cable					
Mounting bracket	Swivel bracket supplied.					

ALL NESS TUBE CAMERAS ARE SUPPLIED WITH LENS, MOUNTING BRACKET & LEADS

www.ness.com.au

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