



Dotcam-SS (Stainless Steel Housing), Dotcam-AL (Anodized Aluminum Housing), Dotcam-EN (Polyurethane Housing)

FEATURES

- Low Cost
- High Resolution Color
- Stainless Steel, Anodized Aluminum or Polyurethane Housing
- Small in Size
- White LED Lighting
- Fully Submersible Camera/Cable
- Simple Cable

IST-REES RC911 DOTCAM Rugged, Low Cost Inspection Camera

When budget constraints and size are of the utmost concern, the Dotcam provides you with an inspection tool at a very low cost. Rugged and reliable, the Dotcam can be used in a wide range of applications. The system incorporates a state of the art 1/4" CCD sensor that is fully automatic in its operation, providing high quality color pictures - even in low lighting conditions.

To increase its versatility, the Dotcam is available in three different bodies: Stainless steel, aluminum and polyurethane. Stainless steel and aluminum versions have either cable gland or quick release stainless cable connectors. All versions provide an integral white LED lighting ring, 3.6mm f2.0 lens and operate under water to a depth of 60m (197').

With its ease of use, the Dotcam is an ideal "building block" for a wide range of inspection systems and can easily be adapted for specific tasks.

APPLICATIONS

- Remote Welding
- Robotic Equipment
- End Effectors
- Constricted Area Viewing
- Tool Head Viewing Device
- General Inspection



imaging systems

A Mirion Technologies Division

Featuring:



SPECIFICATIONS AND PERFORMANCE

C911 SERIES	
Sensor	1/4" CCD sensor
Number of pixels	512 (H) x 491 (V) NTSC 512 (H) x 581 (V) PAL
Resolution	350 TV lines
Min. illumination	1 lux / f2.0 (without LED lighting)
Signal to noise ratio	> 48dB
Electronic shutter	1/60 (1/50) to 1/100000 auto
Load impedance	75 ohm
Standard lens	3.6mm/f2.0
Lens field of view	70 degrees diagonal
Power source	DC12V +/- 10%
Current consumption	80mA
Diameter (AL, SS)	29mm (1.14")
Diameter (EN)	27.6mm (1.09")
Length (with connector)	110mm (4.3")
Length (with mated connector)	147mm (5.8")
Length (with gland)	110mm (4.3")
Length (EN)	114.3mm (4.5")
Weight (AL)	98gms (3.5 oz.)
Weight (SS)	192gms (6.8 oz.)
Housing	Stainless Steel (SS) Anodized Aluminum (AL) Polyurethane (EN)
Lighting	6 LED
Sealing	IP68, 60m (197' water depth)
Operating Ambient Temperature	0°C to 50°C (32°F to 122°F)

HIGH TEMPERATURE APPLICATIONS

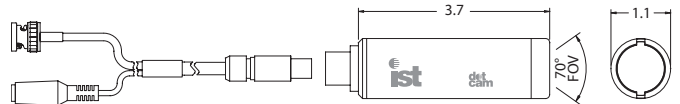
Air cooling jackets are also available for the Dotcam.
Please contact Mirion Technologies for details.

CABLES

4 core radiation tolerant PE inner insulation and polyurethane sheath	
Diameter	6mm (.25")
Length	30m (98.4')

CONNECTORS

3 pin Fischer in stainless steel or stainless steel gland
(except EN).



Dotcam with Fischer connector and BNC and +12VDC plug

OPTIONAL RIGHT ANGLE VIEWING ATTACHMENT FOR SS HOUSING

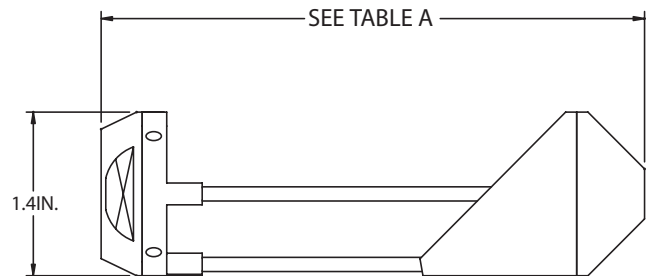


TABLE A

Model Number	Length	Mirror FOV
NY10843A	5.8"	30%
NY10843B	3.8"	50%
NY10843C	2.9"	100%

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The above specifications may vary according to system configuration. Mirion Technologies Incorporated reserves the right to amend or change the information on this sheet without prior warning.

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