



Manuel Extremely Rugged Color PAL Camera D084-10-001

Extremely Rugged TV Camera PAL

D084-10-001



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Manuel Extremely Rugged Color PAL Camera D084-10-001

Safety Precautions:

1. Please read carefully through this user manual before operating the camera
2. In the unlikely event that the equipment should malfunction and emit an abnormal smell or smoke, please immediately stop it, shut off the power and contact your supplier.
3. Please do not store, install and use the product in danger areas with inflammable or explosive substance
4. Please make sure the power is turned off when installing the product.
5. When installing the camera, please make sure that it does not face any objects giving out strong lights as this will damage the CCD of the camera.
6. Please do not use the camera in an environment where temperatures exceed either -10°C to $+50^{\circ}\text{C}$



Manuel Extremely Rugged Color PAL Camera D084-10-001

Thank you for purchasing the D084-10-001001 extremely rugged color PAL camera from CISCREA. Please read through this manual carefully and make sure you understand before operating the camera.

Features:

- 1/3 CCD Sensor
- Resolution 800TVL
- Video Output 1.0Vpp, 75ohm, BNC
- 0.1 Lux Color / 0.001Lux B/W
- DN Switch
- Operating Temperature 0°C to 50°C
- Power 12VDC
- Waterproof 10bar

For more Info please look up the Datasheet under Specifications;



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Package Content:

The PAL camera system D084-10-001 contains the following items:

- D084-010-001 PAL Camera (1/3 CCD module / 800TVL)
- Cable gland with 10meters of connecting cable
- 1 Interchangeable Security window (Stainless Steel / Sapphire Glass, including O-Ring and 3 Fixing Screws)

Should any of this items be missing, please contact your nearest CISCREA partner or CISCREA directly (<http://ciscrea.com/distributors>);



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Installation:

The D084-10-001 001 extremely rugged color PAL camera is to be mounted in a 65mm (+3mm) bore of mining machines or freestanding.

To install the camera, please follow the steps below:

- The Point marking on the backside (cable gland side) of the camera indicates 12o'clock
- Apply heat dispersing paste to the camera's stainless steel body
- The 10meter cable is for image transfer and power supply:
 - o Cable the wires as follows:
 - Brown 0V
 - Blue 12VDC
 - Cinch Video

The camera menu is adopted to your specific application and observation needs and blocked for re-programming!



Specifications / Camera Datasheet:



Engineering for hostile and industrial environments



Rugged Industrial Color PAL Camera

Your extremely rugged observation camera solution

Description:
Extremely rugged camera for mining applications, pressure resistant up to 10bars; camera objective protected by an easy interchangeable sapphire glass security window;

Mechanical:

Diameter:	65 mm
Length:	68,5 mm (without connector)
Weight:	0,52 kg (without cable)
Material:	Stainless Steel 316L
Connector:	3 wire cable connection (Brown 12VDC / Blue 0V / Video) Cable length 10 meters

Electric:

Voltage:	12 VDC / 100mA
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Camera:
1/3 CCD, PAL, Video output 1.0Vpp 75ohm, Resolution 800TVL, Illumination Color 0.1LUX B/W 0.001LUX, D/N Switch Color/Auto, White Balance ATW

Environment
Suitable for ambient Temperatures of 0°C to 50°C;
Heat exchange must be enabled, by circulating air, water or thermal compounds;

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