

iCAM500 Intrinsically Safe Digital Stills Camera



Take pictures for surveys, installation and maintenance inspection records

II 2 G EEx ia IIC T4

-5°C to +55°C (+23°F to +131°F)

IP20

Overview

The iCAM500 is an intrinsically safe digital stills camera certified for use in almost all surface industries such as Chemical & Pharmaceutical plants, Oil & Gas production platforms and Refineries. The iCAM500 is perfect for taking pictures of surveys or taking picture records of installation and maintenance inspection for plant equipment to comply with regulatory requirements such as those prescribed by the ATEX directive.

It is also perfect for use in site surveys to refer to when making offers or proposals or reporting incidents or accidents pictorially. The iCAM500 is supplied with a protective leather case, neck strap, case with belt clip and 2 AAA alkaline batteries. Taking pictures is very easy and offloading to a PC just requires plugging into a USB port where the iCAM500 appears as a new drive. The camera can also be used as a USB memory stick and is certified for connection to any PC.

Features and Benefits

Low Cost—High Performance
Extronics iCAM500 offers intrinsically safe 2 Mega-Pixel resolution at the lowest price on the market.

USB Memory Stick Format
Easy to off load pictures by plugging into any USB port. Can also be used as a USB memory stick for all types of data files.

Optical Indicators For Noisy Environments
Confirmation that a picture has been taken and saved into the memory by LED's.

No Special Software Required
Can be used literally anywhere and with any PC running Windows XP or supporting USB interfaces.

Specification

Certification Number	IBExU 06ATEX1044
Certification Type	II 2 G EEx ia IIC T4
Compliance	EMC: EN 55022 1998 class B, EN 55024 1999 LV: EN 60950, EN 60825-1 (Laser) ATEX: EN 60079-0 2004, EN 60079-11 2004
Dimensions	132mm x 32mm x 22mm (5.20" x 1.26" x 0.87")
IP Rating	IP20
Ambient Temperature	-5°C to +55°C (+23°F to +131°F)
Weight	Approx 50g (1.77oz) not including batteries
Housing	UV resistant Ex Antistatic Polycarbonate
Relative humidity	0 to 90%, non condensing
Power	2 x Alkaline AAA batteries, refer to Ex Certificate for details on range of approved batteries
Memory	256MB (approx 400 pictures)
Image	2.0 Mega-Pixel (1600 x 1200 resolution)
Optical Lens	Fixed focus, glass, F=3.0 & 8.47
Focal Distance	100 cm to infinity and 15 cm to 30 cm macro
View Finder	Two element optical view finder

Ordering Information

Description	Part Number
Intrinsically Safe Digital Stills Camera (includes leather case, 2 straps, carry case & 2 x AAA batteries)	iCAM500
Replacement Leather Case	iCAM500-LC

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