

iCAM 500 Intrinsically Safe Digital Stills Camera



Take pictures for installation and maintenance inspection records

Intrinsically Safe for use in most surface industries II 2 G EEx ia IIC T4

2 Mega pixel resolution

Macro mode for close ups 15 to 30 cm

256MB memory for more than 400 photos

Simple "point and shoot" operation

Very light weight

So compact it fits in your pocket

Powered by 2 AAA batteries

Overview

The iCAM 500 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 iCAM 500 is perfect for 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 iCAM 500 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 iCAM 500 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 iCAM 500 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

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
Dimensions	118mm x 32mm x 22mm (4.65" x 1.26" x 0.87")
Weight	Approx 50g (1.77oz) not including batteries
Housing	UV resistant Ex Antistatic Polycarbonate
Ambient Temperature	-5°C to +55°C (+23°F to +131°F)
Relative humidity	0 to 90%, non condensing
Power	2 x Alkaline AAA batteries, refer to Ex Certificate for details on range of approved batteries
Ingress Protection	IP20
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
ATEX Certification	II 2 G EEx ia IIC T4, Certificate number IBExU 06ATEX1044

Ordering Information

Description

Intrinsically Safe Digital Stills Camera (includes leather case, 2 straps, carry case & 2 x AAA batteries)
Replacement Leather Case

Part Number

iCAM500
iCAM500-LC