

# 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

<b>Image</b>	2.0 Mega-Pixel (1600 x 1200 resolution)
<b>Optical Lens</b>	Fixed focus, glass, F=3.0 & 8.47
<b>Focal Distance</b>	100 cm to infinity and 15 cm to 30 cm macro
<b>View Finder</b>	Two element optical view finder
<b>Dimensions</b>	118mm x 32mm x 22mm (4.65" x 1.26" x 0.87")
<b>Weight</b>	Approx 50g (1.77oz) not including batteries
<b>Housing</b>	UV resistant Ex Antistatic Polycarbonate
<b>Ambient Temperature</b>	-5°C to +55°C (+23°F to +131°F)
<b>Relative humidity</b>	0 to 90%, non condensing
<b>Power</b>	2 x Alkaline AAA batteries, refer to Ex Certificate for details on range of approved batteries
<b>Ingress Protection</b>	IP20
<b>Compliance</b>	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
<b>ATEX Certification</b>	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



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