

WEB-CAM based System to measure polyester plates, metal plates and film – an essential tool for CtP System / Film Imagesetter Installations.

WHAT IS A DotOn CAM?

RIPit's DotOn CAM is a very easy to use dotmeter for measuring films, metal and polyester printing plates.

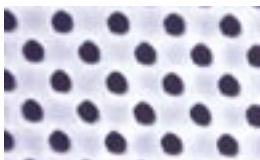
By using a modified standard WEB-CAM as part of the solution, RIPit was able to offer a measuring system with an outstanding price-performance ratio to the graphics arts market.

KEY BENEFITS

- ▶ Dynamic, real-time on-screen images.
- ▶ Enables easy plate/film calibration.
- ▶ Fast and easy operation – simply press a button to get the reading.
- ▶ Saves CtP installation time and cost.
- ▶ Measuring time less than 1 second.
- ▶ Halftone dot measurement: 100 - 300 lpi (40 - 118 lpcm).
- ▶ Stochastic dot from 10 microns.
- ▶ Accuracy: +/- 0.5%. (+/- 1% FM Screens @ 10 micron)
- ▶ PC based, no batteries needed.
- ▶ Low cost makes it possible to include with every CtP sale.

DESCRIPTION

Designed especially for the needs of Platesetter or Imagesetter users and manufacturers, RIPit's DotOn CAM is an essential part of any CtP System/Imagesetter installation. This PC driven application ensures accurate readings and shows a color display of the area readings. DotOn CAM benefits from the use of a modified web camera to keep the cost low, while keeping the accuracy high with this fast and easy to use application.



FILM



METAL PLATES



POLY PLATES



RIPit® Computer Corporation

Specifications ▶

PRODUCT SPECIFICATIONS

Features	Dot On CAM
MEDIA	
Film	✓
Plate (Metal & Polyester)	✓
DOT EVALUATION	
Half-tone dots: 100 lpi - 300 lpi	✓
Stochastic (FM) dots from 10 micron	✓
Accuracy +/- 0.5% over full range of readings (10 micron accuracy = 1%)	✓
Measuring time: < 1 second	
INTERFACE	
Numeric %-display	✓
Dynamic graphic display	✓
High speed USB-link	✓
Positive / Negative reading	
OPTICAL RANGE	
Field of view approx. 1.6 x 1.2 mm	✓
640 x 480 Pixel RGB 24-Bit Color-CCD	✓
LIGHT SOURCE	
White light LED	✓
Powered from PC - no batteries needed	✓

(Specification subject to change without notice)

MINIMUM REQUIREMENTS

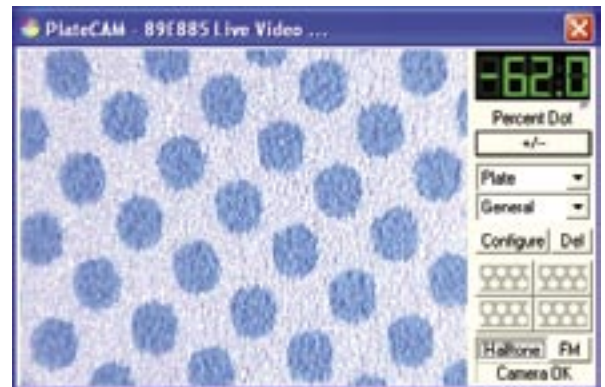
Pentium II, 300 MHz, 64 MB RAM, 800 x 600
24-bit Display, USB-1.1

OPERATING SYSTEMS

Windows 2000, Windows XP

WARRANTY

12 months return to base. Software upgrades FOC for 12 months.



"I have found the DotOn CAM dotmeter to be very effective for controlling and calibrating CtP devices. With process control and management within the print production cycle being key to improved productivity and quality, effective monitoring of plate calibration and exposure is a must. These devices offer great price / performance value, and I have been using mine regularly and successfully for the last 6 months or so..."

Steve Fowler, Technical Specialist, Heidelberg UK

LOCAL DEALER _____



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