HIGH SPEED CAMERA
TROUBLE PAD

PROCESS ANALYSIS
PRODUCTION LINE TROUBLESHOOTING

STRAIGHTFORWARD
HIGH SPEED IMAGING

www.troublepad.com
TROUBLE PAD
Self-contained, simple, ultra compact, affordable
High-speed camera for production line and rapid cycle machinery troubleshooting

Quick setup
Easy to use
Small footprint
Self-contained
Return on investment

The essentials: simple and effective
TroublePad is an ultra-portable high-speed video system. TroublePad’s high-speed camera enables you to capture, analyse and understand fleeting or random events that occur on your production line or specialised rapid cycle machinery.

Capture defects that are invisible to the naked eye!
Breathtaking slow-motion images!

Trouble Pad workstation in its carrying case.

Trouble Pad:

- is quick to install
- is self-contained
- has built-in lighting
- works with an integrated software interface on a tactile tablet
- packs away into a practical carrying case

Trouble Pad high-speed camera on its bracket mount, and tablet-based software
Easy to use and totally intuitive

With the high-speed Trouble Pad camera you’ll be recording your first images in just a few minutes.

Instant slow-motion replay will help you understand the anomalies that are impossible to detect with the naked eye. At your fingertips, all the functionality of Trouble Pad’s software:

- Recording
- Key event selection and playback
- Video export in AVI format

Only record what you need!

Trouble Pad’s loop recording makes sequence analysis easier, with only the key moments being retained.

The (optional) Trigger box enables you to pilot the Trouble Pad software using signals from your own system’s sensors! You can:

- Start/stop recording with automatic rearm
- Mark key images
- Retain a few seconds before and after your sensors’ signal (pre-post triggering)

Trouble Pad is your “watchdog”, making sure you only keep what you need!

You’ll be able to spot the random events in your production line with ease.

Ease of use is our byword.

The biggest names in industry trust Clara Vision solutions.

![Simplified user interface for maximum ease of use](image-url)
Technical specifications

Recommended speed 570 frames/sec at 800 × 600 resolution
Standard speed 225 frames/sec at 1280 × 1024 resolution
Other possible speeds 835 frames/sec at 640 × 480 resolution
1500 frames/sec at 500 × 300 resolution
2500 frames/sec at 320 × 240 resolution

Lighting Adjustable 204 LED, operating on batteries (6 x AAA), power pack or mains

Optics C-mount – 8-48 mm macro zoom lens, with 1D, 2D, 4D, 10D close-up

Mount "Magic" arm with variable friction for camera and lighting

Tablet 12 - inch tactile screen
Intel Core processor – 8 Gb RAM
SSD 256 Gb disk (512 Gb and 1 Tb option) with protective case and shoulder strap

Software Main features:
Loop recording
Long recording time
Pre/post triggering

Event marking Backward or forward playback
Adjustable playback speeds
Sequence selection / extraction...

Carrying case Overall dimensions: 575 × 470 × 205 mm
Weight: 9 kg

Trouble Pad

Clara Vision provides flexible solutions
Contact us for a bespoke configuration

Clara Vision

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