The Sentinel in-console recorder, captures video exactly as the controller saw it: Lossless and full resolution. A safer, higher performance alternative to software recording, with a low and stable processor loading.

- *Capture any video, including 2048 x 2048.*
- *LINUX or Windows recording Software.*
- *Local and remote replay of data.*
- *Processor load is not affected by video content.*
- *Safer and higher performance alternative to X11 (X-Windows) recording.*
- *True recording "…What the controller actually saw…"*
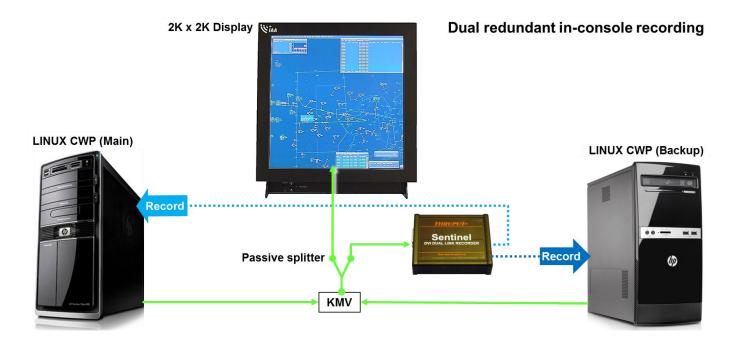
Operational benefits

Sentinel In-Console recording is a safe alternative to X11 (X-Windows) recording that can continuously capture any video data source.

- True Lossless recording.
- Small file sizes.
- Data can be stored locally or on LAN.
- Replay at the console or remotely.

Green solution

With possibly the lowest power consumption of any recording system, Sentinel does not use any hazardous materials.

- Typically below 5 W in normal operation.
- Fully RoHS compliant.

2K x 2K Display

Dual redundant in-console recording

LINUX CWP (Main)

LINUX CWP (Backup)

Record

Record

Sentinel
DVI DUAL LINK RECORDER

Passive splitter

KMV

THRUPUT

Safety

- No impact on the display if power or communications are lost.
- The opposite of Software recording, Sentinel protects the host computer from changes in the video content.
- Supports redundant system architectures.
- Continuous data rate control and parity checks.
- Status reporting and logging.

Life cycle benefits

With greatly reduced complexity at the Console, a Sentinel in-console recorder solution will be:

- Cost effective, simple solution to install; needs neither power nor mechanical changes to a console.
- Cheaper to run than DSP or PC based recorders.
- Minimum heat in the console room.

Specification

Video Sources	DVI / DP / HDMI / VGA
4K x 2K *FRC 5*	3840 x 2160
DVI DL *FRC 3*	2048 x 2048, 2048 x 2160, 2560 x 1600,
DVI I *FRC 4*	DVI: 1920 x 1200 or VGA: 1600 x 1200
Networking	2 x 1000baseT Ethernet. UDP. SNMP Management.
Software	LINUX or Windows versions. Multi-redundant capture and storage. Local and remote replay.
Power Supply options	Power over Ethernet (dual). Power over USB (dual). 5V external (offline use).
Physical	Case: 12cm x 10.3 cm x 3 cm.
MTBF	191,000 hours (calculated).
Weight	0.1 Kg
Compression	Typical ATC video: > 22,500:1 (at 8 FPS) > 3000:1 (Frame to frame).
Compliance	CE, FCC and ROHS

SEATRONX
Our Vision is Your Vision

DISTRIBUTED BY SEATRONX

(800) 607-1460 (USA) • (772) 418-5035 • info@seatronx.com • www.seatronx.com