

SUPERFLEX™

The IDC SUPERFLEX family of products — true end-to-end solutions for the distribution of digital content via satellite

HEAD END | RECEIVERS | MANAGEMENT & CONTROL | CONTENT DISTRIBUTION

SUPERFLEX PRO CINEMA

3-D live Encoder/Decoder for Digital Cinema and Live Events

APPLICATIONS:

- Movie production
- 3D and 2D live events
- 3D movies
- Broadcast
- Post production facilities

FEATURES:

- Up to four 3 GHz capable HD-SDI inputs
- I/O can be paired for dual-link support
- Full 2K 4:4:4 12 bits support (dual link model)
- SMPTE 292M-1998 compliant (single link HD-SDI)
- SMPTE 372M-2002 compliant (dual link HD-SDI)
- Sensio® 3D technology on board
- Ethernet network connectivity
- HTTP configuration interface for easy control
- Web service configuration interface for programming control
- Built-in streams synchronizer
- Horizontal and vertical frame inversion for beam-splitter 3D rigs support
- Monitoring and camera convergence alignment through previz output
- Both RGB and YCbCr colour space support
- RoHS compliant



The Superflex Pro Cinema line of products from IDC expands the range of offerings for digitally equipped cinemas. With Sensio® 3D technology on board, the Superflex Pro Cinema provides a high definition experience that will engage the audience with an immersive 3-D experience and a sharper and clearer image.

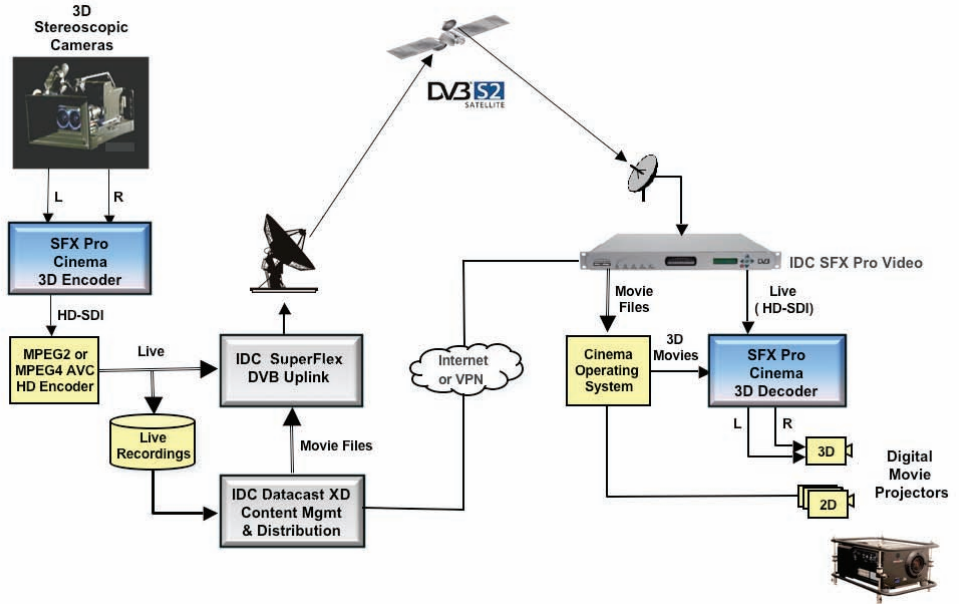
The Superflex Pro Cinema 3-D Live Encoder combines the left eye and right eye HD-SDI inputs from the stereoscopic camera into a single HD-SDI signal using visually lossless Sensio® 3D stereoscopic compression.

With four inputs and four outputs, the Superflex Pro Cinema encoder can support 2K 4:4:4 12-bit resolution.

The Superflex Pro Cinema 3-D Live Decoder supports both 2D and 3D presentations, allowing movie houses greater flexibility in their offerings; a dedicated 3D screen is not needed.



sensio® & International Datacasting complete end-to-end 3D digital cinema solutions



ENCODER

FRONT PANEL INDICATORS

- Status LED:** Indicates active or stand-by status
- Left LED:** Indicates input signal is present on left eye input
- Right LED:** Indicates input signal is present on right eye input

REAR PANEL CONNECTIONS

Left Eye and Right Eye Input

- Connector Type:** BNC Female
- Electrical Interface:** HD-SDI up to 3Ghz

Sensio Encoded Output

- Connector Type:** BNC Female
- Electrical Interface:** HD-SDI up to 3Ghz

Optional Sync Input

- Connector Type:** BNC female

Network Port

- Connector Type:** RJ-45 Ethernet
- Electrical Interface:** 10/100 Base-T

STATUS & CONTROL INTERFACES

- Web browser based Status & Control utilizes Ethernet connector
- LCD display/keypad

POWER REQUIREMENTS

- Supply Voltage:** 100 to 240 VAC, +6%, -10%, 50 or 60 Hz
- Power Consumption:** 110 Watts maximum, duo

PHYSICAL PARAMETERS

- Chassis:** 1U rackmount
- Dimensions:** 1.75 in H x 19 in W x 14 in D
(4.5 cm H x 48 cm W x 36 cm D)
- Weight:** Approximately 14 lbs (6 kg)

DECODER

FRONT PANEL INDICATORS

- Status LED:** Indicates active or stand-by status
- HD-SDI LED:** Indicates input signal is present on HD-SDI Input

REAR PANEL CONNECTIONS

Sensio Encoded Output

- Connector Type:** BNC Female
- Electrical Interface:** HD-SDI up to 3Ghz

Left Eye and Right Eye Output

- Connector Type:** BNC Female
- Electrical Interface:** HD-SDI up to 3Ghz

Network Port

- Connector Type:** RJ-45 Ethernet
- Electrical Interface:** 10/100 Base-T

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