SIGNAL · NEGOTIATED

EDID Strategy Selector

TELECIS ACADEMY · FIELD DOCUMENT
TES-01 · REV 1.0
Reproduce within your organisation for project use

Every TELECIS matrix and switcher publishes four EDID modes, per input, retained through power loss. Select by the room — then record the choice in the commissioning record.

MODE	WHEN TO SPECIFY IT
Auto	The matrix selects a format every connected display accepts. Correct for mixed installations that change frequently.
Copy from output	A chosen display's EDID is presented to every source. Correct where displays are matched and full capability matters.
Internal library	A stored, known-good profile is presented to sources. Correct where a predictable, repeatable format is required.
Custom upload	An engineer-supplied EDID block is presented. Correct for unusual devices, or where a lab has validated a specific block.

CHOOSE BY THE ROOM

→ **Matched displays, full capability matters** — Copy from output. The source is told exactly what the display can do.

→ **Mixed estate (4K display + 1080p recorder)** — Internal library at the lowest common capability; per-output scaling restores full resolution where supported.

→ **A device with unusual or incomplete EDID** — Custom upload. The system becomes deterministic.

→ **Topology changes frequently** — Auto, then revisit once the room settles.

INTERNAL LIBRARY PROFILES

PROFILE	CORRECT FOR
1080p60 · 2ch PCM	Legacy displays and recorders — the safe universal profile
4K30 · 2ch PCM	Constrained cable runs
4K60 4:2:0 · 2ch PCM	CAT-extended paths
4K60 4:4:4 · multichannel	Direct HDMI and fibre paths
4K60 HDR · multichannel	Colour-critical displays
8K60 · multichannel	HDMI 2.1 displays and video walls

> Wrong-resolution faults are EDID faults. Read the active block from the matrix web interface before touching a cable — the diagnostic method is in the Knowledge Base: telecis.com/support/knowledge-base/.