

# SolutionBase®

## It cost how much to interface this!

For a little time interfacing was getting simpler (and cheaper) but SD and HD have reversed that, and some are wondering why. (added 2020: how does the new IP approach compare, are we going forward or backwards?)

Go back many years say...around the camera tube era and broadcast was just plain complicated and expensive. So anyone turning up with some odd equipment just knew they were in for trouble.

Jump forward a few years and a dvd player costing almost nothing could be plugged into an analog broadcast system (yes, they still exist) reasonably simply and at (apparently) minimal cost. Why "apparently"? Well if it was connected to a router, often the cost of the router it consumed was ignored (or deliberately forgotten).

But what about now? As a guide add the appropriate costs from the following list:

To get its output into a router:

1. A/D Converter (Vision).
2. A/D Converter (Audio).
3. Its portion of video jack field and ULink.
4. Its portion of audio jack field.
5. Audio embedder (if used).
6. Another bit of video jack field (SDI with embedded).

then...

7. The router cross points it consumes.

To get a router to its input:

8. Another bit of video jack field (SDI with embedded).
8. Audio de-embedder (if used).
9. Its portion of video jack field and ULink.
10. Its portion of audio jack field.
11. D/A Converter (Vision).
12. D/A Converter (Audio).

The above is far from complete and assumes many things about audio levels, monitoring etc etc etc

So now its back to the old days again.