

Re: Currently-Available Highest-Quality Linear PCM Video?

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- *From:* "Bob Myers" <nospamplease@xxxxxxxxxxxxxxxx>
 - *Date:* Wed, 18 Oct 2006 01:06:56 GMT
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"Radium" <glucegen1@xxxxxxxx> wrote in message
<news:1161127670.929976.69540@xx>

Hi:

What are the sample rates and picture resolution [in pixels X pixels] of the professional progressive [non-interlaced] linear-PCM video format used today? I believe linear-PCM video signals are used in professional studios.

If you're talking about standard-definition television, and the case of standard sampling formats for the conversion and storage of "analog" video into digital form, the most common international standard today is probably CCIR-601, which uses a common 13.5 MHz sampling rate for both 525/60 and 625/50 video systems; this results in image formats (not "resolutions," please) of 720 pixels x 480 lines for the former and 720 x 576 for the latter. I don't know what you mean by bringing "linear-PCM" into a question of sampling rates and image formats.

Bob M.