NEW
PT0710M
HD/SD Waveform Monitor

PRODUCT CODE: PT0710M

DK - Technologies

The PT0710M has been designed to meet the increasing demands by broadcasters to reduce costs. In order to achieve this we have launched an entry level of our respected PT0760M which reduces the facilities without compromise on quality.

The PT0710M is capable of being upgraded to the full facilities of its big brother the PT0760M without loss of any facilities.

PRELIMINARY RELEASE

Features...

- HD/SD Input Auto Sensing
- Waveform Monitor
- Color Gamut Alarms
- Fully adjustable intensity for scale, trace and background
- SVLC - Smart Video Landscape Compressor for detail highlighting
- Independent External Reference Input (Optional)
- STA - Smart Timing Analysis (Optional)
- Full HD/SD Audio De-embedding
- Dolby E Decoder (Optional)
- Alternate Audio & Video display
- Independent Video & Audio controls
- Multi-user Control Panel (Optional)
- DVI Output
- 19" Rack mount (3U high half-rack unit), short depth for compact installations
- 6.5" high contrast LCD display, Softkey buttons, rotary control, and preset select buttons

This entry level Waveform Monitor can display the waveform of the constituent parts of the image, Red (R), Green G) & Blue (B) plus Luminance (Y). An optional facility to measure the incoming signals against an external reference can be provided through the **STA - Smart Timing Analysis** - which can display timing differences between the external reference, Black Burst or Tri-Level as well as multiple formats.

The PT0710M employs the PT0760M feature of **SVLC - Smart Video Landscaping Compressor** - which provides highlighting of the detail within the signals. This makes any errors easier to see and improves the user experience. The PT0710M provides user adjustable Color Gamut Alarms which are displayed on the screen in a highly visible Red Flash.

The PT0710M can be viewed on an external screen and can show up to 16 embedded audio channels. These audio signals are routed to the bargraph audio metering and to an output card (optional) for audio monitoring on an external device using the inbuilt DK-Technologies audio matrix. A stereo downmix can be easily achieved removing the requirement for external matrix or mixer.

The meter can be equipped with Dolby E decoding (optional) to allow checking of the Dolby encoded signal on the audio meters.

Options...

- 2 or 4 Channel Input
- Assignable SDI Output
- Vectorscope
- Closed Caption Display
- External Reference Input Module including Loop-Through
- 8 Channel Analog Audio Input Card
- 8 Channel Analog Audio Output Card
- 8 Channel AES3 Audio Input Card
- 8 Channel AES3 Audio Output Card
- Dolby E Decoder
- ITU Loudness
- StarFish™ & JellyFish™ for 5.1/6.1/7.1 Surround Sound
- Level/Loudness Logging
- BLITS Tone Generator
- Spectrum Analyzers (1/3rd Octave & FFT)
- External Screen controller to permit individual controls of internal and external screens
- Table top stand
- 19" x 3u rack mount frame
- Second screen (Winter 2009)

HD 1080p	HD 720p
1080p/30	720p/60
1080p/29.97	720p/59.94
1080p/25	720p/50
1080p/24	720p/30
1080p/23.98	720p/29.97
	720p/25
	720p/24
	720p/23.98
HD 1080i	**SD**
1080i/30	576i/25 (625)
1080i/29.97	487i/29.97 (525)
1080i/25	

"Solutions in Audio & Video"