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|  quantumdata | 804 Product Family > |  |  |  | Notes |
| | Models > | 804 | 804A | 804B | |
| Interface Technology | Description | | | | Interface Notes: |
| Tx HDMI 225MHz | Four (4) HDMI Tx enables testing of HDMI HDTVs devices up to 225MHz | • | • | • | 1. Supports resolutions higher than 80MHz through pixel doubling. 2. 804B supports analog RGB resolutions up to 162MHz. |
| Tx HDMI 300MHz | Four (4) HDMI Tx enables testing of HDMI Ultra HDTVs devices up to 300MHz | | • | • | |
| Tx HDMI 600MHz | Four (4) HDMI Tx enables testing of HDMI Ultra HDTVs devices up to 600MHz | | | • | |
| Analog TV Component | Test analog component video for TV sink devices up to 80MHz | •1 | •1 | •1 | |
| Analog RGB for computers | Test analog RGB video for PCs | •1 | •1 | •2 | |
| Analog Composite video | Test analog composite NTSC or PAL video on TVs with CVBS (BNC) or S-Video | • | • | • | |
| Functional Tests (Sinks) | | | | | |
| Video Pattern Testing | Run pattern tests using standard patterns and timing formats | • | • | • | |
| Test Pattern Library | Greater than 100 test patterns | • | • | • | |
| Format Library | Large format library | • | • | • | |
| Customization | Ability to add new bitmaps, formats, store EDIDs | • | • | • | |
| Configurability | Ability to quickly set the video format and video type and mode, etc. | • | • | • | |
| Deep Color Testing | Run video pattern tests using deep color patterns and timing formats | • | • | • | |
| HDMI 2.0 4:2:0 Testing | Generator patterns with 4:2:0 pixel encoding with 4K formats at 50/60Hz | | • | • | |
| HDMI 2.0 4:4:4 Testing | Generator patterns with 4:4:4 pixel encoding with 4K formats at 50/60Hz | | | • | |
| HDMI 2.0 21:9 Formats | Generator 861-F 21:9 video timing formats | | • | • | |
| LPCM Audio Testing (HDMI) | Run LPCM audio tests on HDMI outputs with programmable sine wave | • | • | • | |
| Compressed Audio Testing (HDMI) | Run compressed audio tests on HDMI outputs with Dolby and DTS audio clips | • | • | • | |
| Audio Testing (Analog) | Run analog audio tests with 2 channel sine wave | • | • | • | |
| 3D Rendering | Run 3D pattern tests with using standard 3D patterns and mandatory formats | • | • | • | |
| Animated test patterns/clips | Support scrolling test patterns or clips for testing motion artifacts | • | • | • | |
| HDCP 1.4 Verification | Show HDCP 1.4 authentication test on sink. Shows key steps in authentication | • | • | • | |
| HDCP 2.2 Verification | Show HDCP 2.2 authentication test on sink. | | | • | |
| EDID Verification | Read sink EDID in human text, run partial EDID compliance test | • | • | • | |
| Operational | | | | | |
| Rack-Mountable | Supports mounting in standard 19" relay rack or placed on desktop | • | • | • | |
| Touch Screen | Convenient operation and status information available through 480 x 272 touch screen | • | • | • | |
| Command line through USB | Control the operation through 882 compatible commands via the USB | • | • | • | |
| Command line through RS-232 | Control the operation through 882 compatible commands via the RS-232 | • | • | • | |