ABSTRACT OF THE DISCLOSURE

METHOD OF ADAPTIVELY CONNECTING A VIDEO SOURCE AND A VIDEO DISPLAY

[0083] According to some embodiments of the invention, a connector is provided for connecting any combination of an analog video source to either an analog display or a digital display or a digital video source to either an analog display or a digital display. Some preferred connectors have a serial differential digital interconnect that is pin/connector compatible with analog VGA or DB15. Some implementations of the invention provide a system and method for determining the inherent digital versus analog capability of a video source and a video display and configuring a connector according to the determination. Some implementations provide real-time display image quality assurance. Some embodiments provide a digital monitor with digital data streams having more than 8 bits per color, e.g., 10 bits or 12 bits per color.