ABSTRACT OF THE DISCLOSURE

DYNAMICALLY SELECTING EITHER FRAME RATE CONVERSION (FRC) OR PIXEL OVERDRIVE IN AN LCD PANEL BASED DISPLAY

In a liquid crystal display (LCD) panel based display, a method of dynamically selecting either frame rate conversion (FRC) or pixel voltage overdrive is disclosed. The method is carried out by performing the following operations. A video vertical refresh rate of an incoming video data stream is determined and based upon the determining, only one video data stream conditioning protocol from a number of available video data stream conditioning protocols is selected. The selected video data stream condition protocol is then applied to the video data stream.