

DRIVING METHOD OF PIXEL CIRCUIT

ABSTRACT

A driving method of a pixel circuit includes: providing a preset light-emission control signal to the pixel circuit, in which the pixel circuit includes a light-emitting element; measuring the light-emitting element while the light-emitting element emits light according to the preset light-emission control signal, thereby obtaining an initial instantaneous brightness waveform of the light-emitting element; and modulating the number of plural pulse signals included in each display frame of the preset light-emission control signal and the pulse width of each of the pulse signals according to the initial instantaneous brightness waveform, thereby generating a compensated light-emission control signal; and providing the compensated light-emission control signal to the pixel circuit. In response to the light-emitting element emitting light according to the compensated light-emission control signal, an instantaneous brightness waveform of the light-emitting element appears to converge in each display frame.

FIG. 2