

A DEVICE CONTROLLER AND ITS PROCESSING METHOD THEREOF

ABSTRACT

5 An embodiment of the invention is device controller connectable to a server. The device controller comprises an operating system, a data storage unit and a processing unit. The operating system includes a boot loader. The data storage unit includes a non-volatile memory and a volatile memory. The device controller is capable of processing a system instruction, an operating system update, a content file, a layout file and an executable file downloadable from the server. The non-
10 volatile memory is switchable between a read-only mode and a read-write mode. The non-volatile memory is capable of storing the operating system. The volatile memory is capable of storing the system instruction, the operating system update, the content file, the layout file and the executable file.

15 Figure 3