ABSTRACT

Smart TV which are available on market today are expensive in terms of price, and not yet affordable for people who requires the technology. The need for Smart TV continues to grow each year. Implementing Raspberry Pi on television, which then combined with other devices, such as OSMC operating system, an access point as the network source to connect to internet, and a smartphone to control the Smart TV, can be a solution to acquire the similar services that Smart TV offers, with a much cheaper price. This Smart TV made by Raspberry Pi implementation can be an alternative which is easy to apply to meet the needs of information and entertainment, with some addition of features such as a media center that can play high-resolution video or High Definition, and can be controlled using a smartphone.

Keywords: Raspberry Pi, Smart TV, Media Center