

ABSTRACT

The present invention relates to 3D reconstruction technology. A 3D reconstruction system according to an embodiment of the present invention may comprise: a position checking device for checking the position of a vehicle entering a work space; a scanning device for scanning the interior and exterior of the vehicle entering the work space, while scanning vehicle components located within the work space; a 3D depth information generation device for generating 3D depth information about the vehicle and the vehicle components on the basis of the scan images generated by the scanning device; and a controller for controlling the scanning device on the basis of the information generated by the position checking device and the information generated by the scanning device.

Fig. 1