DETECTION METHOD AND APPARATUS

ABSTRACT

This application discloses a detection method and apparatus. The method includes: sequentially sending a transmit signal through N rows of lighting channels arranged in a column direction in an array transmitter in a detection apparatus, and receiving an echo signal of the transmit signal through N rows of receiving channels arranged in a column direction in an array receiver in the detection apparatus. Correspondences between lighting channels in the array transmitter and receiving channels in the array receiver differ in two parts, that is, a correspondence between some lighting channels in the array transmitter and some receiving channels in the array receiver changes. The detection method is applied to a scenario in which a vertical angle of view of the array transmitter does not match a vertical angle of view of the array receiver, and can resolve a problem of a mismatch between a receiving angle of view and a transmitting angle of view of a flash lidar, and help improve detection efficiency of the array receiver and detection performance of the lidar.

FIG. 9