

LASER MONITORING METHOD AND LASER MONITORING DEVICE**ABSTRACT**

A laser monitoring method is provided in which a laser
5 light L is irradiated while scanning in a horizontal
direction and in a vertical direction of a monitoring range
S, reflected light R of the laser light L is received and
received light information d8 is obtained, distance
information d9 of a target object M within the monitoring
10 range S is calculated from the received light information
d8, and an intended target object M is detected from the
distance information d9. If a plurality of pieces of
reflected light R are received from the same laser light L,
two pieces of received light information d8 are selected
15 from the received light information d8 of the plurality of
pieces of reflected light R and first distance information
d91 and second distance information d92 are calculated, a
first monitoring image I1 is generated on the basis of the
first distance information d91, while a second monitoring
20 image I2 is generated on the basis of the second distance
information d92, and the target object M is detected from
both the first monitoring image I1 and the second
monitoring image I2.

25 [Figure 4]