[Summary]

[0006]

With regard to the photographing direction of the camera when mounting the wearable camera, a helmet-mounted or glasses-mounted wearable camera may eliminate adjusting the photographing direction of the camera in case of re-mounting the wearable camera after adjusting the photographing direction of the camera.

In contrast, the photographing direction of a badge-mounted wearable camera which is mounted on the chest, shoulder, or back may be changed from that in previous mounting due to variations in the body shapes of wearers, the deviations of mounting locations, or the like. Therefore, it is necessary to adjust the photographing direction of the camera while confirming an image captured by the camera with a monitor after the camera has been mounted.

[0007]

Therefore, to provide a technology for capable of setting the photographing direction of a camera to a predetermined direction when a terminal with the camera is mounted on a wearer.

[0008]

Embodiments provide a technology for solving the problems described above.

[0008a]

According to an aspect, there is provided a direction control device comprising:

camera means for acquiring an image captured by photographing a subject by a camera targeted for adjustment of a photographing direction;

image-processing means for calculating a position of a first setting

image that represents the subject in the captured image;

posture detection means for detecting a difference between a position of a second setting image that represents the subject in a reference image registered in advance and the position of the first setting image; and

camera control means for shifting the photographing direction of the camera based on the difference,

wherein the camera means comprises front camera means and back camera means; and

wherein the camera control means controls a photographing direction of a camera in the back camera means to be opposite to a photographing direction of a camera in the front camera means when elevation angles of the photographing direction of the camera in the front camera means and the photographing direction of the camera in the back camera means are respectively symmetric with respect to a horizontal.

[0009]

A direction control device according to an embodiment of the disclosed subject matter includes: camera means for acquiring an image captured by photographing a subject by a camera targeted for adjustment of a photographing direction; image-processing means for calculating a position of a first setting image that represents the subject in the captured image; posture detection means for detecting a difference between a position of a second setting image that represents the subject in a reference image registered in advance and the position of the first setting image; and camera control means for shifting the photographing direction of the camera based on the difference.

[0010]

A direction control method according to an embodiment of the disclosed subject matter includes: acquiring an image captured by

photographing a subject by a camera targeted for adjustment of a photographing direction; calculating a position of a first setting image that represents the subject in the captured

CLAIMS

[Claim 1]

A direction control device comprising:

camera means for acquiring an image captured by photographing a subject by a camera targeted for adjustment of a photographing direction;

image-processing means for calculating a position of a first setting image that represents the subject in the captured image;

posture detection means for detecting a difference between a position of a second setting image that represents the subject in a reference image registered in advance and the position of the first setting image; and

camera control means for shifting the photographing direction of the camera based on the difference,

wherein the camera means comprises front camera means and back camera means; and

wherein the camera control means controls a photographing direction of a camera in the back camera means to be opposite to a photographing direction of a camera in the front camera means when elevation angles of the photographing direction of the camera in the front camera means and the photographing direction of the camera in the back camera means are respectively symmetric with respect to a horizontal.