BRIEF SUMMARY

[0003a] According to an aspect of the present invention, there is provided a camera system for use with a weapon, comprising: a one or more displays; a rangefinder in communication with the one or more displays wherein at least one of the one or more displays can be a part of the camera, wherein the camera has a windage adjustment and an elevation adjustment,; and a camera operatively coupled to the one or more displays, wherein, during a set-up procedure, a camera view shown on the one or more displays is used to acquire a same aim point as the weapon, wherein, during the set-up procedure, the camera is manually adjusted using the windage adjustment and the elevation adjustment so that the camera view is the same as a weapon view through a weapon sight or similar to the weapon view through the weapon sight, wherein, after the set-up procedure, the camera view does not use the weapon sight of the weapon when acquiring a target, the weapon can be aimed at a particular target by using the camera view shown on the one or more displays instead of using the weapon sight of the weapon, and wherein the one or more displays show the camera view from the camera and range data from the rangefinder.

[0004] Systems, apparatuses, and methods provide weapon sighted cameras substantially as illustrated by and/or described in connection with at least one of the figures, as set forth more completely in the claims.

[0005] Various advantages, aspects and novel features of the present disclosure, as well as details of an illustrated embodiment thereof, will be more fully understood from the following description and drawings.

CLAIMS

1. A camera system for use with a weapon, comprising:

one or more displays;

a rangefinder in communication with the one or more displays; and

a camera operatively coupled to the one or more displays, wherein at least one of the one or more displays can be a part of the camera,

wherein the camera has a windage adjustment and an elevation adjustment,

wherein, during a set-up procedure, a camera view shown on the one or more displays is used to acquire a same aim point as the weapon,

wherein, during the set-up procedure, the camera is manually adjusted using the windage adjustment and the elevation adjustment so that the camera view is the same as a weapon view through a weapon sight or similar to the weapon view through the weapon sight,

wherein, after the set-up procedure, the camera view does not use the weapon sight of the weapon when acquiring a target, the weapon can be aimed at a particular target by using the camera view shown on the one or more displays instead of using the weapon sight of the weapon, and

wherein the one or more displays show the camera view from the camera and range data from the rangefinder.

2. The camera system according to claim 1, wherein the camera is mounted on the weapon.

3. The camera system according to claim 1, wherein the one or more displays is part of a handheld system or a wearable system that is configured to receive data relating to the camera view from the camera.

4. The camera system according to claim 3, wherein the handheld system or the wearable system includes glasses.

5. The camera system according to claim 4, wherein the glasses includes a heads-up display for displaying the camera view.

6. The camera system according to claim 5, wherein the camera view is displayed on one lens of the glasses.

7. The camera system according to claim 5, wherein the glasses also receive data that can be overlaid or displayed over the camera view.

8. The camera system according to claim 3, wherein the handheld system or the wearable system includes one or more processors that run an application.

9. The camera system according to claim 8, wherein the application is used to set up an aim of the camera.

10. The camera system according to claim 8, wherein the application provides a digital reticle that is overlaid or displayed over the camera view.

11. The camera system according to claim 10, wherein the application provides graphical elements that cause the digital reticle to move over the camera view so that the digital reticle is aligned with an aim point of the weapon.

12. The camera system according to claim 3, wherein the handheld system or the wearable system and the camera communicate wirelessly.

13. The camera system according to claim 1, wherein the weapon is a handheld weapon.

14. The camera system according to claim 1, wherein the weapon is not a handheld weapon.

15. The camera system according to claim 1, wherein the weapon is mounted on a vehicle or a stationary platform.

16. The camera system according to claim 1, wherein the one or more displays show the camera view from the camera, the range data from the rangefinder, and messages received from other devices.

17. The camera system according to claim 1, comprising one or more sensors that provide temperature data and wind data that are displayed on the one or more displays.