disclosure relates to a viewing optic with an integrated display system having a mounting system for one or more enabler devices. In one embodiment, the disclosure relates to a viewing optic with an integrated display system having a mounting system for one or more accessory devices.

In one embodiment, the disclosure relates to a viewing optic with an integrated display system having a mounting system for one or more enablers, including but not limited to a laser rangefinder, a camera, and a video system. In one embodiment, the disclosure relates to a viewing optic with one or more enabler interfaces configured to accept an enabler and configured to allow communication between the viewing optic and the enabler.

In one embodiment, the disclosure relates to a method for mounting one or more enabler devices or one or more system components to a viewing optic encompassing power and data transfer.

In one embodiment, the disclosure relates to a mounting system for a viewing optic that allows one or more enabler devices to be integrated with the system.

In one embodiment, the disclosure relates to a viewing optic comprising: an optical system configured to focus a target image from an outward scene to a first focal plane and an active display configured to generate a digital image, and one or more enabler interfaces configured to accept an enabler, wherein the enabler interface is configured to communicate with the active display.

In a first aspect, the disclosure relates to a viewing optic comprising: a body having an optical system configured to focus a target image from an outward scene to a first focal plane; and one or more enabler interfaces located on a top portion of the body and configured to accept an enabler device.

In one embodiment, the disclosure relates to a viewing optic comprising: a body having an optical system configured to focus a target image from an outward scene to a first focal plane; and a mounting system on a top portion of the body and configured to accept an enabler device. In one embodiment, the mounting system comprises a first mounting location forward of the etched reticle elevation adjustment knob and a second mounting location rear of the etched reticle elevation adjustment knob. In one embodiment, the first mounting location has a sloping 45° degree angle off to the right and left side of the viewing optic. In yet another embodiment, the second mounting location has a sloping 45° degree angle off to the right and left side of the viewing optic.

In one embodiment, the mounting system comprises one or more enabler interfaces. In still another embodiment, the mounting system comprises a front enabler interface and a rear enabler interface.

In a second aspect, the disclosure relates to a system comprising: a viewing optic having: (a) a main tube; (b) an objective system coupled to a first end of the main tube that focuses a target image from an outward scene; (c) an ocular system coupled to the second end of the main tube, the main tube, objective system and ocular system being configured to define a first focal plane; and (d) an active display configured to generate a digital image; and one or more enabler interfaces located on a top portion of the main tube and configured to accept an enabler device, wherein the enabler device is configured to communicate information to the active display and said information is projected into the first focal plane of the viewing optic.

In a third aspect, the disclosure relates to a viewing optic comprising: a body having an optical system configured to focus a target image from an outward scene to a first focal plane; a front enabler interface located on a top portion of the body and forward of an etched reticle elevation adjustment knob and configured to accept a front enabler device; a rear enabler interface located on a top portion of the body and behind the etched reticle elevation adjustment knob and configured to accept a rear enabler device.

In one embodiment, the disclosure relates to a viewing optic comprising: a body having an optical system configured to focus a target image from an outward scene to a first focal plane; an active display configured to generate a digital image, and one or more enabler interfaces on a top portion of the body and configured to accept an enabler device, wherein the enabler interface is configured to communicate with the active display of the viewing optic.

In one embodiment, the disclosure relates to a viewing optic having: (a) a main tube; (b) an objective system coupled to a first end of the main tube that focuses a target image from an outward scene; (c) an ocular system coupled to the second end of the main tube, the main tube, objective system and ocular system being configured to define at least a first focal plane; and (d) an active display configured to generate a digital image; and one or more enabler interfaces located at the top of the main tube and configured to accept an enabler, wherein the enabler interface is configured to communicate information from the enabler to the active display and said information from the enabler is projected into the first focal plane of the viewing optic.