

GLE/HD-RVC-510

Ruggedized High Definition Video Camera

Main Features

- Compact, Full-HD (1920x1080) colour video-camera
- HD-SDI digital output on single coaxial cable
- Hi-G construction, one piece camera, no external control box
- Integrated motorized 3x zoom lens
- Manual & automatic exposure IRIS/shutter control
- Manual & triggered auto focus
- Very high light sensitivity with selectable IR / Colour mode
- Wide dynamic range and Noise Reduction Function
- Electronic image rotation and mirroring
- Setup software GUI of all camera functions
- Setup and control via RS232 or via contact interface
- Different memory presets
- Anti-reflective black anodized enclosure
- Fully environmentally protected, camera body and lens
- Wide operating temperature range
- Extended DC voltage supply range

Some applications

- Flight Testing Instrumentation
- Stores / Payloads separation
- Head-Up Display / Cockpit Video Recording
- Video monitoring / surveillance in Harsh Environments
- Vehicle testing / Motor sport

Description

GLE/HD-RVC-510 is a compact and rugged, self contained motorized lens, high definition color video camera that offers very high flexibility. It is specifically designed for night/day onboard instrumentation and testing applications. It is a single piece camera, no external boxes are

required, such as electronics control units or power supplies.

Operations are very simple, it is possible to setup and control all the functions via a standard RS-232 interface.

A contact port allows to recall different presets and to control the



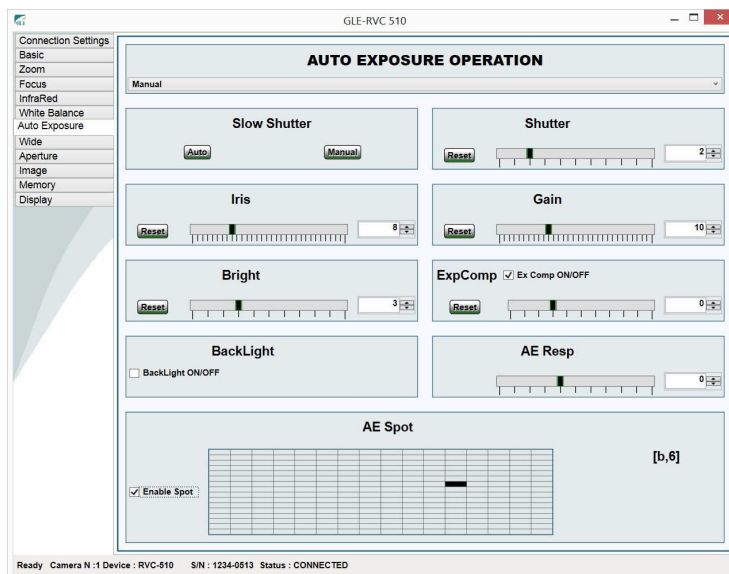
main camera settings as focus and zooming.

It is provided with a high definition HD-SDI digital video output, compliant with SMPTE 274M and SMPTE 296M, available on a coaxial connector.

Setup software GUI

For Win XP / 7 / 8 allows the easy setup of all camera functions via RS232. It provides the following sections: *Connection settings,*

Basic-Setup, Zoom, Focus, Infrared, White balance, Auto Exposure; Wide, Aperture, Image, Memory, Display titles.



Handheld Remote Control

GLE/HD-RVC-510-HDC allows basic camera settings such as zoom and focus. A knob can be used to load one of four presets.



Due to continuous developments, specifications are subject to change without prior notice.

This product is not intended for applications whose its failure to perform can be expected to cause damages to properties and/or persons and/or injury to human life.

GreenLake Engineering Srl

the engineering branch of Instrumentation Devices

Via Acquanera 29 22100 COMO - Italy

ph +39.031.525.391 - fax +39.031.507.984 - info@greenlake-eng.com

www.greenlake-eng.com

The second page of this datasheet is not available on-line.

To download the full datasheet you need to register at:

www.greenlake-eng.com