

SWIR Module and Illuminator



This lightweight, field-ready shortwave infrared (SWIR) module and convert laser illuminator is a compact module that locks into the front of a Canon® EOS 5D camera (Mark II and Mark III models). Product immediately provides operators with SWIR imagine capabilities for day or nighttime use. The system enables identification quality SWIR imagery, even in total darkness; with distinct advantages over visible, thermal and night vision goggle systems, including the new module's abilities to image through glass and to provide target accuracy with enhanced situation awareness. Product couples directly with Canon EF-mount lenses, allowing users to see through haze, smoke and dust for enhanced, long-range intelligence, surveillance and reconnaissance. The included 1550 nm laser mounts directly onto the Canon 5D hot shot to provide covert illumination to visible, thermal, NVGs and the human eye. Product provides image capability through bright lights and flashes. Module uses the uncooled SU640HSX SWIR camera core with 640 x 512 pixel resolution and a 25-micron pitch, together with the integrated 800 x 600 SVGA display and relay optics.

UTC Aerospace Systems www.sensorsinc.com [1]

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<http://www.foodmanufacturing.com/product-releases/2014/05/swir-module-and-illuminator>

Links:

[1] http://cp.mcafee.com/d/FZsS91Nj5yZQhPz1EVodTdETpvd7barX29J6XbVEVpjuvvdETp79Lf6zBcsrhKOevjhK-qejpeFVVryvMFoDY0IG1DojQzWLEiTBPuE6txfifG-xbundELK KI3Cn-LP3zdTzhPRXBQQjhOeVWXPzWvbnhlyyGyyzOEuvkzaT0QSOrodTV5xdVYsyMC qejtPo0aDMFmd9gJOVJnoD_3MIhmkOqlzP_yHmlvVsSCPtxxVwS5wmq82VEw6fxilq6y 09MfAHavE6yuxEw1DC3h05p4isP7O8AVw6q81w1gQ5Cy0rGwSvVEwS21Ew4GCvzcQ g1nqv4Qg1FVXqlEreljh0nd402X6cGNd40ACc6PhOUrxltMYGGk