



Pixon Imaging

Peering through the Fog of War

One of CCAT's earliest clients is Pixon Imaging – a San Diego-based company devoted to the development of hardware and software products for enhancing real-time video processing. Founded by UC San Diego astronomer Rick Puetter, the company's latest version of its video enhancement technology – PX40B – is able to dramatically improve the quality of video by three to four times more detail than normally available, vastly improving the quality of images in smoke, fog, and dusty environments.

CCAT provided product development funding support for further development and testing of the PX40B. Smaller than a business card, it consumes under two watts of power and has exciting applications for the military and in the border and port security domain. It can be integrated into binoculars, gun sights, submarine periscopes, surveillance cameras, and unmanned aerial vehicles.

Sales have been made to the U.S. Navy. The company has established a strategic agreement with Hitachi to incorporate the PX40B into their security cameras which are being marketed for application into the port and border security areas.

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