

ADLERTECH SYSTEMS

VE 2000

Video Encryption System

Features:

- Uses cut and rotate algorithm to scramble the video images
- Optimised for use with microwave video surveillance links
- Supplied as housed units or PCB for easy installation into other video equipment
- Ideal for battery operation with low current drain
- 128 bit Encryption Key
- Video Formats PAL or NTSC (separate models)
- 12 Volts DC or 28 V \pm 4 Volts DC Power Supply Options
- Operating Temperature -10 to + 55 Deg C
- Weight approximately 40 grams
- Options for customised rugged casing could also be provided.
- Options for Programmable Secondary Encryption Key could also be provided



Uses encrypted cut and rotate algorithm to scramble every line of each frame in a manner that is fully reversible at the other end, providing the 128 bit encryption key.

At a predetermined point along each line of the video, a cut is made and the order of the halves of the line are swapped. Only a matched decoder knows where each line is cut, and thus how to return the line to its original state. Interception of the scrambled video stream results in an unintelligible mess on screen.

The Encryption System is available in PCB modules or boxed units or customised rugged casing for harsh environment applications.

US Government Export License Authorization Not Required

All specifications are subject to change without notice.

ADLERTECH SYSTEMS PTE LTD

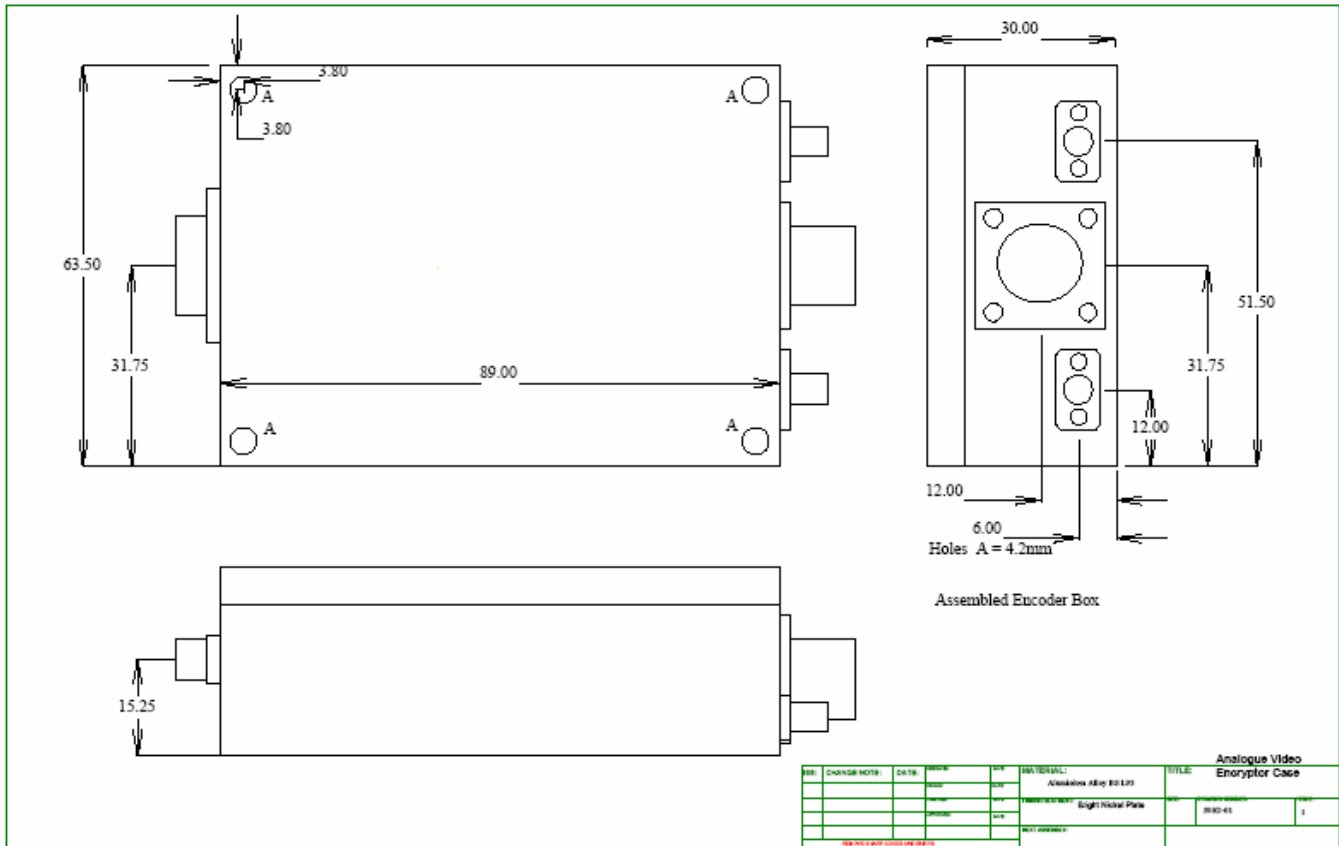
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Customised Rugged Casing for Harsh Environment Applications



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