

# KIV-77 and KIV-78 Emulators

Identification Friend or Foe (IFF) **Test Solutions**



KIV-77 Emulator

Fast track your Mark XIIA integration and testing with BAE Systems' KIV-77 and KIV-78 emulators.

The KIV-77 and -78 emulators support both Mode 4 and 5 (Level 1 and 2) interrogator and transponder operations. They integrate seamlessly with our AN/DPX-7, AN/APX-111, AN/APX-126, and other IFF equipment to provide cryptographic test services with enhanced ease of use.

Both the KIV-77 and -78 systems meet the requirements specified in Option A and B of the DoD AIMS 04-900A certification.



KIV-78 Emulator

## Key features and benefits

- Emulators are not COMSEC-controlled items (CCI), eliminating specific storage and handling requirements that an authentic KIV-77 or -78 would have
- Key and time-of-day loading is not required, eliminating the need for a key-loading device
- Emulation of respective KIV device facilitates user testing without acquiring keys, key loader, or authentic KIV-77 of -78 devices
- Plug-and-play operation without the use of additional cables ensures simple integration with host equipment
- Support of both Mode 4 and 5 (Level 1 and 2) interrogator and transponder operations ensures all cryptographic test needs are met

## Specifications

|                               |   |
|-------------------------------|---|
| <b>Weight</b>                 | KIV-77 Emulator < 1lb., KIV-78 Emulator <1.5 lbs.   |
| <b>Dimensions</b>             | KIV-77 Emulator: 3.5 in. x 4.25 in. x 1 in.<br>KIV-78 Emulator: 3.4 in. x 4.7 in. x 2.1 in. |
| <b>Environmental</b>          | -10° C to +55° C  |
| <b>General specifications</b> | AIMS 03-1000<br>AIMS 04-900<br>STANAG 4193  |

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