EKMS/KMI Adapters
DS-101 / DS-102 / RS-232

WebSec's EKMS/KMI adapters are specifically designed for the COMSEC community. They are currently being used with numerous ECUs and fill devices (e.g., SKL, TKL, and RaSKL). The host can use the adapter as a primary or secondary station.

All WebSec adapters come with a programmable wake-up.

INNOVATE & DEVELOP

WebSec has created a unique niche by providing leading defense contractors with customized security software and hardware solutions for embedded, handheld, web-based, tactical, and stand-alone computer systems. We continue to bring secure technology solutions to the next generation of software and hardware devices.

We have been extensively involved in the development of Tier 2, Tier 2 ½, and Tier 3 devices, including SKL, RaSKL, TKL, DMD-PS, CUAS, and other associated COMSEC equipment and platforms.

Our background in the COMSEC development arena gives us the ability to offer comprehensive tools and solutions to meet the demands of modern key management and distribution.

### COMSEC SOLUTIONS FOR THE GLOBAL WARFIGHTER

UPHIL AND UPHIL RUGGED

UPhil is an innovative USB to DS-101/DS-102/RS-232 adapter. UPhil is capable of performing all EKMS-308F protocol communications. It contains isolated circuitry, optical switching, and over-voltage protection. UPhil can be controlled through a well defined API to set the protocol, speed, LED, wake-up, CTS, and a number of other parameters.
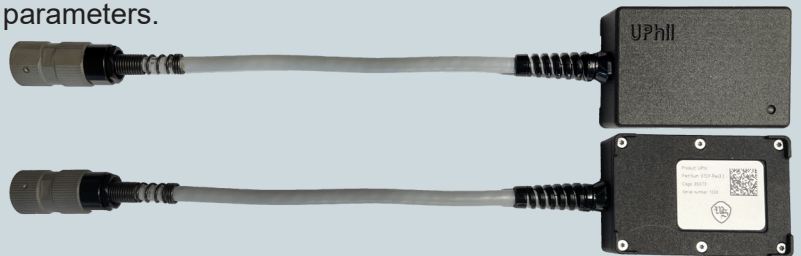
EASY DS-101 / ONE-WAY DS-101

WebSec's Easy DS-101 is a USB to DS-101 adapter that works out of the box with Windows 10 & 11, with no need to install special drivers or software. Windows will automatically create a COM port for an existing or custom application. The user simply instructs the app to use the COM port, and the Easy DS-101 adapter will convert the RS-232 protocol to DS-101.

WebSec's One-way DS-101 allows for a higher classification device to send DS-101 data to a lower classification device without having to increase the lower classification device to the higher level.
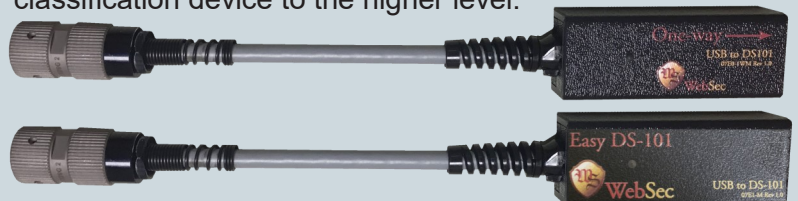
SECURITY

For all WebSec adapters, active zeroization occurs after communications are compete. Removal of power passively zeroize the data buffers. In addition, UPhil and UPhil Rugged will passively zeroize their firmware upon power removal.