DUMRUL

ONE-WAY DATA DIODE SYSTEM

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With today's targeted cyberattacks, information is smuggled from networks with high levels of privacy sensitivity and unauthorized access to these networks resulting in severe damage to countries or corporate commercial confidential information is exposed.

ASELSAN Dumrul is a cybersecurity system that enables the flow of information via one-way hardware at the point of transition of privacy-grade networks to other networks.

ASELSAN Dumrul is a domestic and national product that can be used safely by critical institutions and organizations. Widespread use of the product will constitute a much higher and complete level of safety. Strategic threat intelligence obtained by examining cyber-attack patterns can be evaluated in various cyber operations centers, especially USOM, and will be able to take necessary measures in the field of cyber security on a country-scale basis.

- 1U and 2U design
- Military and civilian version
- The diode function is provided by a hardware algorithm that works in the FPGA
- Data stream has bandwidth of 1Gbps / 10 Gbps
- Delay between communication, 2μsn
- Cross-device fiber optic interface (SFP+)
- CC EAL4+ software
- CC EAL7 hardware
- Ethernet 802.3 support
- VLAN 802.1 Q 802.3 support
- VLAN 802.1AD support

Security
- Apparatus case tamper protection
- Emergency email delivery
- Data corruption or loss detection

Functions
- SMTP, FTP/FTPS, SMB, NFS UDP, Modbus, Link16
- RTSP, RTP, RTMP, MPEG-TS, SRT and HLS support
- Sensitive security-level network,
- Support for a minimum of 25 cameras in 4K resolution,
- Object (file, email) will be able to receive transfer service

Physical and Environmental Features

Operating Temperature	: -30ºC/80ºC
Storage Temperature	: -20ºC/60ºC
WxDxH (mm)	: 440/250/45 (1U)
	440/450/89 (2U)
Power Input	: 1x220V AC

Accessories and Tools
- Configuration Software
- Network Planning Software

ASELSAN A.Ş. is a Turkish Armed Forces Foundation company.

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