

2190 GIZ

SECURE USB





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ASELSAN Giz is a rugged encrypted device featuring IP54 certification against dust and sustained water. It is a secure USB to protect data and secure data transfer. It has both hardware and software to keep data safely.

The notable features of ASELSAN GIZ are software free, fully hardware based 256-bit AES-XTS encryption, on-board keypad PIN authentication, USB 3.0 high speed data transfer and a storage capacity up to 128 GB. The hardware is also covered by epoxy against unauthorized stealing and fragmentation. Polymer coated keypad is water resistant and hide the trace of the pushed buttons.

The Brute force defense is provided by limiting the certain number of PIN attempts before crypto erase. The drive is unlocked by entering correct PIN. The PIN configuration is forced to be a complicated array of numbers. The auto-lock feature secures the drive against unauthorized usage. It is well protected against attacks by light and temperature sensors, triggering the drive to erase data.

Security Features

- Hardware based cryptography
- AES 256-XTS algorithm
- Crypto Erase (whether or not power source)
- Rechargeable key stored battery
- Tamper protection
- Hardware based random number generation
- Polymer coated keypad
- Auto-lock

Technical Specifications

Storage Capacity	16, 32, 64, 128 GB eMMC Flash
Data Speed	USB 2.0, 24 Mbps write 22 Mbps read USB 3.0, 40 Mbps write 34 Mbps read
Algorithm	AES 256 bit- XTS
Authentication	Polymer coated keypad
Physical Cryptographic Features	Crypto Erase (whether or not power source) Tamper protection Epoxy coverage
Power Source	3.7V 60mAh Li-Polymer Battery USB 2.0 / 3.0
Storage Temperature	-20°C / +55°C
Operating Temperature	-5°C / +35°C
Humidity	95% (at +40°C)
EMI/EMC	MIL-STD-461F
Environmental Standards	IP54 MIL-STD-810G
Dimensions	110 * 28 * 15.5 mm
Weight	70gr
Software Platforms	Windows XP / 7 / 8 / 10 MacOS Linux

