

# USB FLASH MASS STORAGE DEVICE



## Rugged 3½" Flash Disk with USB Interface



- Rugged design 3 ½" disk form factor
- USB 2.0 and USB 1.1 mass storage, bulk only
- Capacities: 32 GByte to 256 GBytes of FLASH memory
- Connector options:
  - Standard – USB "B" with PC style mini-power;
  - Locking – DB-9 (USB and +5 VDC ) (optional floating mount available)
- H/W erase with locking DB-9 connector only

Use of the U.S. DoD imagery does not imply or constitute DoD endorsement.

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## PERFORMANCE

	USB 2.0	USB 1.1
Sustained Read / Write	11 MB/sec	1 MB/sec

Transfer rates are data transfer block size dependent. Stated rates based on 16 KB block size.

## PHYSICAL

Storage Capacity	32 GByte to 256 GBytes
Dimensions	4.0" W x 5.75" L x 1.0" H
Mounting Considerations	3½" disk industry standard, any orientation
Cable Length Max.	Per USB 2.0
Weight*	475 g max

\*Dependent on disk capacity

## POWER REQUIREMENTS

Input Voltage	4.85 to 5.25V DC; self-powered device
Current	1.2 amp (max)

## ENVIRONMENTAL

Operating Temperature	Commercial (-0)	0°C to +70°C
	Extended (-2)	-40°C to +85°C
Storage Temperature –All		-55°C to +95°C
Humidity	Commercial (-0)	10% to 95% non-condensing
	Extended (-2)	10% to 100% condensing (conformal coating)
Shock	All axis, operating	40 g, 11 ms, ½ sine
Vibration	All axis, operating	PSD 0.04 g <sup>2</sup> /Hz, 10 Hz – 2000 Hz
Altitude	Operating	-1,200 ft to 50,000 ft

## MODEL NUMBERS

### USB35 / A3x – ccc – e

x = connector                    S – Standard USB “B” with PC mini power  
    D – DB-9, male

ccc = Capacity                    32, 64, 128, 256 GBytes  
    eg: USB35 / A3-64G-2 = 64 GBytes

e = environment                    0 = Commercial                    0°C to +70°C  
    2 = Extended                        -40°C to +85°C

## MORE TARGA SOLUTIONS

Targa's solid-state storage solutions are available in a wide range of form factors and interfaces:

- PC Card DTUs  
Serial, SCSI;  
Ethernet, USB
- USB Flash Disks 3.5"
- Removable Disk Systems:  
Ethernet, SATA, USB

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