

# High-Speed CopyStation

for CF, microSD, miniSD, SD/MMC, RS-MMC, OTP SD/MMC, MS Micro M2, PRO Duo, PRO




High-Speed CopyStation with Memory Stick PRO Duo CardBox

## High-Speed duplication of Flash memory card images

- ◆ Preinstalled system including altec copying software under Windows XP Professional and exchangeable CardBoxes with 20 slots each
- ◆ Scope of delivery: Dell Business PC\* with 5.25" copying module, English or German keyboard and operating system, mouse, DVD drive, graphic card and standard interfaces\*\*
- ◆ Ten different exchangeable CardBoxes with 20 slots are available for 13 types of mobile memory media – see reverse page
- ◆ OTP CardBoxes for programming voltages of up to 3.7 V or up to 12 Volt; an additional software license is required; CardBoxes can also be used for normal SD/MMC cards; please ask for more information on compatibility of specific OTP Cards
- ◆ In-house developed copy software with the same «look & feel» as all other altec CopyStations; user interface selectable for English or German; other languages are available on demand
- ◆ CopyStation's transfer rate is approx. 50 MB/s; copies 20 SD Cards with 512 MB in under 4 min. (speed depends on memory card type)
- ◆ Software option for parallel verification
- ◆ Software option for creating and copying smaller image files; with this, memory cards where much less data is stored than the actual storage capacity permits can be programmed much quicker
- ◆ Optional software interface for data exchange with external applications to allow customization of individual cards, e.g. serialization or data encryption
- ◆ Software option to set a temporary or permanent write protection flag on SD Card or MMC

## Product Highlights

- Modular designed with exchangeable CardBoxes
- Fast duplication of content with approx. 50 MB/sec
- Unique software options
-  ready

**24 Months Warranty**

High-Speed CopyStation	Item no.
High-Speed CopyStation w/o CardBox (Engl. WinXP, keyboard)	B31AL188E
CardBox CompactFlash Type I	B31AL157
CardBox microSD & microSDHC	B31AL162
CardBox miniSD & miniSDHC	B31AL158
CardBox SD & SDHC Card, MMC	B31AL137
CardBox RS-MMC	B31AL156
CardBox OTP SD/MMC 3.7 V	B31AL159
CardBox OTP SD/MMC 3.7/12 V	B31AL160
CardBox Memory Stick Micro M2	B31AL164M
CardBox Memory Stick PRO Duo	B31AL164D
CardBox Memory Stick PRO	B31AL164PRO
Software Parallel Verification	31AL2001
Software Short Image Files	31AL2002
Software interface for e.g. external serialization	31AL2004
Software OTP support	31AL2005
Software Write Protect SD/MMC	31AL2006


## Technical Specifications

**RoHS COMPLIANT**  
2002/95/EC

**More details**

<b>Hardware</b>		<b>Power Requirements</b>	
– Interface	IDE	– DC Input Voltage	5 Volt ±5%
– Slots per CardBox	20 slots respectively contact pads	<b>Environmental Specifications</b>	
– Case	Standard 5¼" internal drive and exchangeable CardBoxes	– Humidity	10% to 90%, non-condensing
<b>Performance</b>		– Temperature	+10° to +35°C (operating) –40° to +65°C (non-operating)
– Data transfer rate	ca. 50 MB/s; 20 SD Cards à 512 MB in <4 min. (depending on cards)	<b>Software</b>	
		– Supplied OS	Windows XP Professional

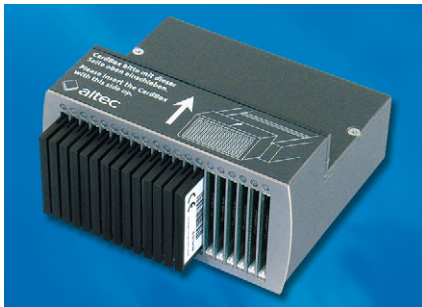
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ISO 9001:2000 certified 

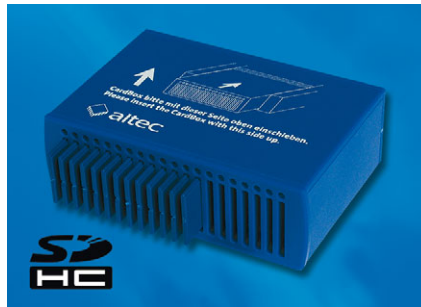
 **altec**  
card copy machines

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# Additional information on the High-Speed CopyStation



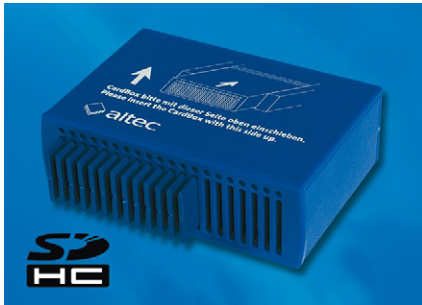
CompactFlash CardBox for CF Type I – B31AL157



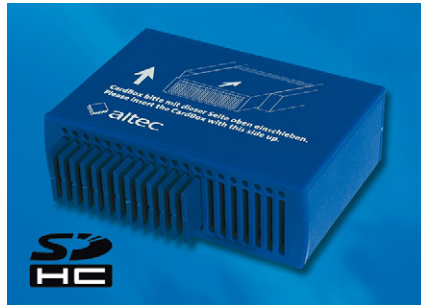
SD & SDHC Card and MMC CardBox – B31AL137



miniSD & miniSDHC CardBox – B31AL158



OTP SD/MMC CardBox 3.7 Volt – B31AL159



OTP SD/MMC CardBox 3.7/12 Volt – B31AL160



RS-MMC CardBox – B31AL156



Memory Stick Micro M2 CardBox – B31AL164M



microSD & microSDHC CardBox open – B31AL162



Copy module made from stainless steel in combination with the steel back side of the CardBoxes prevents electrostatic discharge



Memory Stick PRO Duo CardBox – B31AL164D



Memory Stick PRO CardBox – B31AL164PRO

**High-Speed CopyStation**

File Run Settings Info

**High-Speed CopyStation**

Date	Time	Information
04.11.2006	13:27:27	Start application
04.11.2006	13:27:28	Initialize HSCS Subsystem
04.11.2006	13:27:29	Box removed
04.11.2006	13:32:14	User logged in as user
04.11.2006	13:34:03	Box inserted

Standard SD/MMC CardBox

Progress: 100%

Image / Path:

No. of copies: 0 of 0 Copies

Performance (kB/s):

**START**

High-Speed CopyStation Software