

# Reliable and portable storage solutions for video and broadcasting professionals



Store 50 hours\* of video on 5TB RDX HDD media  
Cross-platform support for Windows, Linux, Solaris and Mac environments

## Requirements

Post production is a multi-task process that takes raw-video and sound elements through mastering. On the front of this process is offloading original content from expensive camera storage so that it can be deployed again in production. Multiple copies of the content are needed by different production houses to support the various editing workflows, distribution to producers and protection of the data. Care must be taken to choose high quality storage products that are designed to withstand the rigors of transportation, including drop protection, vibration and electrostatic discharge.

## RDX® The perfect fit

RDX is the removable disk standard which provides a combination of portability and reliability with speed and simplicity that is unique when compared to other storage archive options. The rugged design ensures reliable operation throughout the post production process.

## Long archival life and media usage

RDX media have an archival life of more than 10 years and insertion/ejection cycles of more than 5000 times. This enables RDX not only as an ideal media for backup and long term archiving but also for daily storage usage.

## RDX TENCASE

RDX TENCASE is the ideal solution for transportation and long-term safe-keeping of up to 10 RDX media. RDX TENCASE is a rugged case, which withstands drops, dust and harsh environments. It is water-resistant and can be secured with two padlocks for theft-protection of critical data.



## Key benefits

- **Workflow integration**
  - Plug & Play installation
  - Durable media & drives
  - Rugged for courier delivery and handling
  - Capacity matched to workflow requirements
  - Easy & affordable data management
- **Industry standard RDX**
  - Business-grade storage
  - Superior quality and reliability
  - Fast growing user community
  - Global OEM and system integrator adoption
- **Never become obsolete**
  - More capacity, more performance
  - Media compatibility and interchangeability

## The post-production workflow

1. Copy Movie Sequences to RDX
2. Duplicate and Distribute
3. Collect and Reuse for Next Project



\* ProRes422 (HQ) format, resolution (1280x720, 50)



Positioning	HDD Media	WORM Media
<b>Use Cases</b>	Suitable for most storage applications.	Regulatory compliance storage device for document management applications, finance, video and voice recording, technical documentation.
<b>Backup</b>	particularly suitable	less suitable
<b>Archiving</b>	suitable	particularly suitable
<b>Data Exchange</b>	suitable	can be used
<b>Advantages</b>	Affordable High capacity	Meets regulatory requirements
Specifications	HDD Media	WORM Media
<b>Capacity</b>	500GB, 1TB, 2TB, 3TB, 4TB, 5TB	1TB, 2TB, 4TB
<b>Performance</b>		
<b>Transfer Rate</b>	up to 150MB/s*	up to 150MB/s*
<b>Access Time</b>	<15ms	<15ms
<b>Compatibility</b>	Compatible to all RDX drives	Compatible to all RDX drives
<b>Reliability and Data Integrity</b>		
<b>Unrecoverable Error Rate</b>	1 error in 10-14 bits read	1 error in 10-14 bits read
<b>Drop Shock (n on-operating)</b>	1m drop to tile over concrete floor	1m drop to tile over concrete floor
<b>Load/Unload (minimum)</b>	5,000	5,000
<b>MTTF</b>	550,000 Hours	550,000 Hours
<b>Environmental (operating)</b>		
<b>Temperature</b>	10°C to 40°C (50°F to 104°F)	10°C to 40°C (50°F to 104°F)
<b>Relative Humidity</b>	20% - 80%, (non-condensing)	20% - 80%, (non-condensing)
<b>Vibration</b>	0,5G	0,5G
<b>Altitude</b>	-15m to 3,048m (-50ft to 10,000 ft)	-15m to 3,048m (-50ft to 10,000 ft)
<b>Environmental (shipping)</b>		
<b>Temperature</b>	-40°C to 65°C (-40°F to 149°F)	-40°C to 65°C (-40°F to 149°F)
<b>Relative Humidity</b>	8% - 90%, (non-condensing)	8% - 90%, (non-condensing)
<b>Maximum Wet Bulb</b>	38°C (100°F), (non-condensing)	38°C (100°F), (non-condensing)
<b>Vibration</b>	1G	1G
<b>Altitude</b>	-15m to 10,660m (-50ft to 35,000 ft)	-15m to 10,660m (-50ft to 35,000 ft)
<b>Archival Environmental</b>		
<b>Media Archive Life</b>	10 Years	10 Years
<b>Temperature</b>	5°C to 26°C (41°F to 78°F)	5°C to 26°C (41°F to 78°F)
<b>Relative Humidity</b>	8% - 90%, (non-condensing)	8% - 90%, (non-condensing)
<b>Maximum Wet Bulb</b>	25°C (77°F), (non-condensing)	25°C (77°F), (non-condensing)
<b>Dimension (HxWxL)</b>	23mm x 87mm x 119mm (0.9in x 3.4in x 4.7in)	23mm x 87mm x 119mm (0.9in x 3.4in x 4.7in)
<b>Weight</b>	165g (0.364 lbs.) - 272g (0.600 lbs.) (HDD dependent)	165g (0.364 lbs.) - 272g (0.600 lbs.) (HDD dependent)
<b>Accessories</b>		
<b>RDX TENCASE</b>	Optional, stores up to 10 RDX media in a robust and secure box (part.-no. 1022291)	

\* Media generation dependent

Sales and support for Overland-Tandberg products and solutions are available in over 90 countries.  
Contact us today at [salesemea@overlandtandberg.com](mailto:salesemea@overlandtandberg.com)

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