

BD-XL BaseStation Features:

- NAS Unit BD-XL with embedded controller head unit (Appliance)
- Supports NFS / CIFS / FTP protocol
- HDD-WORM file system
- Read cache for archived data
- Capacity: 1TB or 2TB hard disc cache
- Time or volume based archiving on optical trueWORM media (DVD, Blu-ray)
- Media copy in second drive (optional)
- High-Secure Protect mechanism (immediate archiving in case of system malfunction)
- Hot swappable hard discs
- Supports DVD/BD/BD-XL media
- Open, modular solution based on worldwide standards (ISO, UDF)
- Easy integration in existing hard- and software environments
- Intuitive WEB user interface - no user training necessary
- Open NAS file system for system data backup and recovery
- Compliant archiving with trueWORM (Write Once Read Many) optical media
- Self-monitoring and -healing
- Data consistency check by check sum generation and after system rebuild

BD-XL BaseStation - HDD WORM Appliance



The BD-XL BaseStation is a „dedicated Archive Station“ for intuitive integration in all Application situations and environments. The archive data is stored for online access in the disk cache and automatically swapped out to highly durable Blu-ray media. The system is ideally suited for long-term archiving of millions of files and allows long term backup of sensible data in addition.

The BD-XL BaseStation is a device that has an integrated head unit that controls data-provision, -flow, -treatment, media production and administration.

The BD-XL BaseStation is providing a once-writable WORM (write once read many) file system. This allows a simple integration and access to all applications and environments that can work with write-once file systems. This ensures that data which is once stored in the file system over the network cannot be changed.

The archive data is automatically written in the background to the Blu-ray WORM (write once read many) medium. The archiving process can be configured for automatic archiving using a time or volume control setting. After writing the content is protected twice as the data is remaining for direct read access at the internal data buffer (cache). Messages to the administrator, for example that a new medium must be inserted are sent automatically. If an optional second drive is installed media copies for offline archiving can be made in parallel.

Admin options:

- Automated, configurable email messages and status reports
- Preinstalled management and monitoring software
- System WEB-GUI
- Log and system information in log files
- Log level adjustable
- Remote administration possible

Options:

- Encryption
- Mirroring / Distributed Data with Failover

Technical Data:

RAID with 2 hot swappable hard discs

Network:

1x 1000/100/10Base-T
(second LAN port optional)

Network protocol:

NFS / CIFS / FTP

Service:

3 years NBD exchange service /
RapidXchange Service / Remote-Maintenance

The internal data buffer is mirrored on a second hard disk providing a maximum of data security against data loss. If there should be a disk failure, the system will fix the error using its self-monitoring-functions (High Secure Protect). This function will write not yet transferred archive data on the Blu-ray media and switches the system into read-only mode. In parallel the administrator would be notified. After replacement of the defective hard disk, the system will synchronize and return to normal mode. In case of a computer failure troubleshooting is easy too. The entire head unit would be exchanged and the two hard drives and the archive medium are put into the new system. The new head unit will check consistency of the archive and restart its normal operation. For the administration a windows-based graphical user interface makes the system easy to use.



The BD-XL BaseStation is available in two capacity configurations: 1000GB or 2000GB. The BD-XL BaseStation WORM appliance

is the most cost efficient and reliable entry level system in a wide range of INCOM long term storage solutions that can be scaled up to Petabytes of storage capacity. Its ease of use and administration has convinced many users to rely on optical true WORM media for archiving while accessing their data with high performance using the WORM cache storage. In addition the media copy function allows to keep an additional backup media in a safe place.

For all systems various service options are available, such as rapid exchange, remote maintenance, on-site service, etc.

BD-XL BaseStations

ProduktNo.	Number of Drives	RAID Capacity
WA 2R1.1000	2 x 1TB	1 TB
WA 2R1.2000	2 x 2TB	2 TB