



RAID5 Disk Array

Video Intelligence Tools

How Intelligent Is Your Video?

Loronix introduces the VC4014 RAID5 Disk Array (Redundant Array of Independent Disks), a highly reliable device that stores video data from Loronix digital video recorders. Connected directly to the recorder, the VC4014 stores video data using RAID5. This ensures that all your valuable video data will be available even in the event of a disk failure. In addition to RAID5, all of the active components are redundant and hot swappable, minimizing your downtime and maximizing availability. The RAID array 14 provides a lower cost of ownership due to higher reliability and provides faster access to data than is typically available with tape.

Specifications

- RAID levels of 0,4,5
 - All active components are hot swappable
 - Dynamic spare pooling and dedicated spares
 - On line capacity expansion, no power cycling required
 - All system settings are stored in non-volatile flash memory in case of accidental power loss
 - Multi-host capable - up to 2 DVR's connected to the device simultaneously
 - Each drive bay has its own auto-venting front door mechanism which maintains the thermal characteristics of the unit even when not fully populated with drives
- All units are cooled by incorporating high-pressure centrifugal blowers within the power modules
 - Anti-Rotational Vibration (ARV) drive guides absorb vibration on all three axis for maximum performance and reliability
 - Passive mid-plane, eliminating cables for high reliability
 - Front door cam mechanism offering soft insertion and ejection of the drives to eliminate gyroscopic damage to the disc drive
 - Size (HxWxD): 5.25"x19"x21"
 - Weight (not including Disc drives): 46 lbs
 - Capacity -14 hard drive bays
 - Power 350 W; Dual Power supplies
 - Host Interface Ultra2 SCSI/Ultra 160



RAID5 Disk Array - VC4014

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