

XDJ-1000

XDCAM Juke Professional Disc Library



Overview

Affordable and Compact Professional Disc Automatic Library System

The XDJ-1000 Professional Disc Library, XDCAM Juke, enhances the XDCAM file-base operations such as ingest, distribution and archive by media. The XDJ-1000 holds multiple XDCAM disc drives, automated robotic and library control software in a compact chassis. Furthermore, by combining the network and metadata capabilities of the XDCAM system with automated robotic features, the XDJ-1000 increases the efficiency of workflows in these applications by reducing the amount of manual labour required. By integrating the XDJ-1000 XDCAM Juke into the production environment, the same Professional Disc media can be used throughout the entire production process, from acquisition to archiving, resulting in flexible and truly efficient operations.

Features

Supports up to 30 Professional Discs

A maximum total of 30 128GB Discs (3.8 TB) with RFID* can be inserted into the system. The system can contain up to two removable bins of 15 XDCAM Discs (mixed types) offering a total of 120 Hours HD 4:2:2 @ 50Mbps of memory readily available

and accessible. Standard configuration includes one drive, disc bin and power supply.

* RFID specification only provisional.

All XDCAM Professional Discs / Format / Modes are supported

XDJ-1000 is a XDCAM Professional Disc library that supports all models of XDCAM Professional Disc including the new Quad Layer QL128GB.

All-in-One System

The XDJ-1000 is an all-in-one product with BIN units, Professional Disc drives, Robotics, Library control software and optional redundant power supply included.

File-based content management using metadata and proxy

Equipped with web application software for simple ingest/archive operations, which can be controlled from a web browser. Ideal for multi-disc ingest and near-line archive applications. XDCAM Professional Discs can be labelled with an RFID device that will allow materials to be tagged electronically and linked to a database for easy future retrieval.

Specifications

General

Power Requirements AC 100 V to 240 V, 50/60 Hz

Power Consumption TBA (with two drives installed)
70 W (without drives)

Operating Temperature	5°C to 40°C 41°F to 104°F
Storage Temperature	-20°C to +60°C -4°F to +140°F
Operating Humidity	20% to 90% (at 25°C/77°F, no condensation)
Mass	55 lb 2 oz (with 1 drive installed and without discs) 25 kg (with 1 drive installed and without discs)
Dimensions (W x H x D) *[1]	424 x 650 x 221 mm 16 3/4 x 25 5/8 x 8 3/4 inches
Maximum Number of Discs	30
Maximum Number of Drives Installed	2 (One drive is included as standard.)
Total Storage Capacity	3.84 TB (PFD128QLW x 30) 1.5 TB (PFD50DLA x 30) 0.69 TB (PFD23A x 30)
Compatible Drives	XDBK-J102 (option)

Control Connectors

Ethernet	RJ-45 (x1) 10BASE-T: IEEE 802.3 100BASE-TX: IEEE 802.3u 1000BASE-T: IEEE 802.3ab
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Maintenance	High Speed USB (USB2.0) (x2)
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Other Equipment

Expansion Slot	PCI Express (x1), 8-lane
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Built-in RFID Reader/Writer	(x1)
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Supplied Accessories

Supplied Accessories	Operation manual (1) Installation manual (1)
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Notes

Note	*[1] The values for dimensions are approximate.
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Gallery

