



DreamCatcher™

DC-200NZ Series

IP-Based Low Bit Rate Content Recorder

The **DreamCatcher™ 200NZ Series** is a scalable IP-based low bit rate content recorder that enhances any **DreamCatcher™** cluster by adding ingest, storage and compute capabilities. The rugged 3RU chassis supports native capture of up to 12x low bit rate IP inputs.

The **DC-200NZ Series** is available in three storage options with the ability to easily double each storage selection. Storage options from 800GB to 12 TB are available, supporting 30–480 hours of storage at 50Mb/s. Each system has an additional 1TB of near line secondary storage for archiving content.

The **DC-200NZ Series** is designed to seamlessly integrate into an IP facility built around Evertz' revolutionary 10GbE SDVN technology. The **DC-200NZ Series** allows you to utilize the revolutionary **DreamCatcher™** feature set in a native IP-based production environment.

The **DC-200NZ Series** allows for native low bit rate long GOP recording while utilizing Evertz' IP SDVN technology to provide unprecedented access from any client connected on the network. The IP-based design allows for hundreds of nodes to be connected on a **DreamCatcher™** cluster for an unprecedented level of scalability.

FEATURES & BENEFITS

- Advanced 10GbE IP-based architecture
- Capture up to 12x 3G/HD inputs
- Support for HD, 3G
- Integrated transcoding engine
- Storage configurations: 800GB to 10TB
- Continuous loop recording with automatic clip protection
- 3x redundant power supplies
- Integrated search engine across a federated database

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SPECIFICATIONS

Inputs

Methods:	10GbE
Standards:	
HD:	720p59.94Hz, 720p50Hz, 1080i59.94Hz, 1080i50Hz
3G:	1080p59.94Hz, 1080p50Hz
Quantity:	Up to 12x HD, up to 12x 3G
Audio:	Up to 16x channels of embedded audio per input
Timing:	PTP/PCR

Ethernet

Connector Type:	2x 1GbE, 4x 10GbE DreamCatcher™ SFPs, RJ-45
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Control

User Interface:	VUE configurable UI
Controller:	DC-RCP-10

Ports

4x USB 3.0, 2x USB 2.0

Power Consumption

950W max. rated,
800W nominal
Complies with FCC part 15
Class A, EU EMC directive
CISPR 22 Class A digital
device or peripheral
IEC 60950-1:2005+A1+A2

Electrical

Voltage:	AC 100-240V, 47-63Hz
Current:	8-4A
Redundancy:	Triple redundant power supplies

Storage Capacity

800GB:	~30 hours at 50Mb/s
1.6TB:	~60 hours at 50Mb/s
3.2TB:	~120 hours at 50Mb/s
6.4TB:	~240 hours at 50Mb/s
Recording Method:	Continuous loop record
Secondary Capacity:	
1TB:	~30 hours at 100Mb/s

ORDERING INFORMATION

DC-210NZ	800GB ~30 hours @ 50Mb/s, 12x HD/3G inputs, low bit rate long GOP recorder
DC-220NZ	1.6TB ~60 hours @ 50Mb/s, 12x HD/3G inputs, low bit rate long GOP recorder
DC-230NZ	3.2TB ~120 hours @ 50Mb/s, 12x HD/3G inputs, low bit rate long GOP recorder
DC-260NZ	6.4TB ~240 hours @ 50Mb/s, 12x HD/3G inputs, low bit rate long GOP recorder
DC-IO	DreamCatcher™ input card supporting baseband, SMPTE ST 2110 and ASPEN
3482TXE-X19-A	Bulk XD-CAM encoder
+1TBNZ	Additional 800GB (~15 hours at 100Mb/s) for the DC-210NZ-G2
+2TBNZ	Additional 1.6TB (~30 hours at 100Mb/s) for the DC-220NZ-G2
+3TBNZ	Additional 3.2TB (~60 hours at 100Mb/s) for the DC-230NZ-G2
+6TBNZ	Additional 6.4TB (~120 hours at 100Mb/s) for the DC-260NZ-G2