

# PROFILE® PDR200 JPEG-BASED VIDEO SERVER

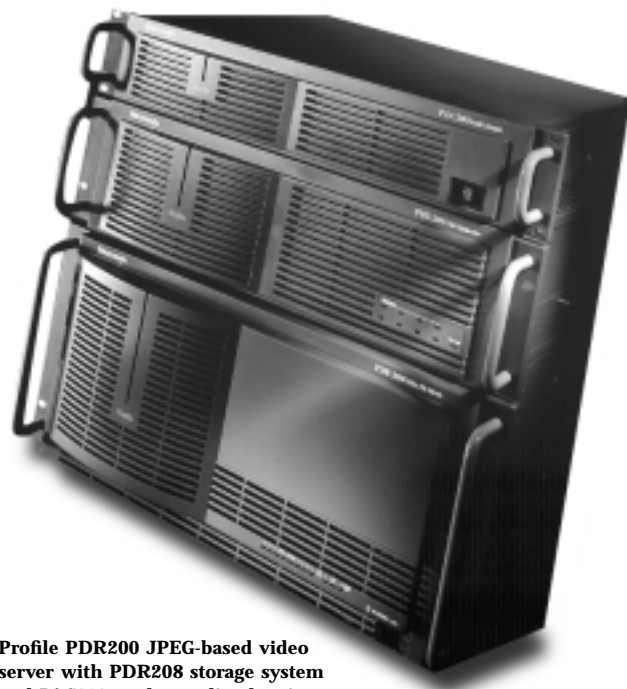
## FEATURES

- JPEG compression
- Upgradeable to MPEG-2 or DVCPRO compression
- Up to 4 video channels
- 16-32 channels of uncompressed digital audio
- Analog or digital audio/video interface options
- Scrub audio for fast accurate cueing
- RAID or non-RAID storage
- Fibre Channel networking
- Mix effects option

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## PROFILE PDR200 JPEG-BASED VIDEO SERVER

The Profile PDR200 is a highly flexible video server. It can be used in any application that involves the recording, storage, manipulation, transfer, or playback of video and audio. The PDR200 features JPEG compression, 18 GB Ultra-SCSI disk drives, 16 or 32 channels of AES/EBU digital audio, 30 Mb/s internal bandwidth, and the ability to share digitally compressed data over a Fibre Channel network.



**Profile PDR200 JPEG-based video server with PDR208 storage system and PAC218 analog audio chassis**

## SPECIFICATIONS

### SYSTEM

**Audio:** 16 to 32 channels, digital standard, AES/EBU, embedded; analog optional

#### Audio Interfaces (Digital):

XLR216 Breakout Box, BNC216 Breakout Box

#### Audio Interfaces (Analog):

PAC216 (16 channels)

**Mainframe BW:** 30 MB/s (approx.)

**Video Channels:** 2 or 4 JPEG

**Video Networking:** Fibre Channel (optional)

**Ethernet:** 10/100Base-T

#### Internal Storage (@ 24 Mb/s):

(8) 18 GB Ultra-SCSI drives (10.5 hours)

#### Expansion Storage (@ 24 Mb/s):

(2) PDX218 w/8 18 GB drives

**RAID Support:** PRS255 (5, 10, 15 or 20 18 GB drives)

#### TIME CODE I/O (STANDARD)

**Longitudinal - LTC:** 4 separate read/write channels

**Vertical Interval - VITC:** Each video input has a VITC reader and each output has a VITC inserter

### RS-422 PORTS (STANDARD)

Eight RS-422 ports provided in a 1 RU chassis

### PHYSICAL DIMENSIONS

#### PDR200

**Size:** 8.72 in. H x 19 in. W x 24.812 in. D 5 RU

**Weight:** 65 lbs.

**Power Supply:** 1184 VA (750 W)

### ENVIRONMENTAL

#### CHARACTERISTICS

**Operating Temperature:** 0 to +40°C

**Storage Temperature:** -40 to +75°C

### WARRANTY

One year parts and labor

#### PDX218

The PDX218 is a 3 RU expansion mainframe which houses 8 caddy-based 18 GB Ultra-SCSI drives. Two PDX218s can be connected to a PDR200

**Size:** 3 RU (5.25 in. H x 17.75 in. W x 20 in. D)

**Drives:** 18 GB Ultra-SCSI

**Capacity:** 8 drives

**Storage @ 24 Mb/s:** 10.5 hours

## ORDERING INFORMATION

**Warranty** – One year parts and labor.

**PDR202D** – 2 channel disk recorder with 2 JPEG codecs, 16 channel digital audio and 2 SDI channels.

**PDR202A** – 2 channel disk recorder with 2 JPEG codecs, 16 channel digital audio and 2 analog composite channels.

**PDR204D** – 4 channel disk recorder with 4 JPEG codecs, 16 channel digital audio and 4 SDI channels.

**PDR204A** – 4 channel disk recorder with 4 JPEG codecs, 16 channel digital audio and 4 analog composite channels.