

Ikegami

Editcam 2 family

DNR-20 Dockable Disk Recorder

For Tapeless
Acquisition



Sophisticated, Powerful and Fast!

DNR-20 Dockable Disk Recorder



[HL-45A with DNR-20]

GENERAL

The DNR-20 is a Dockable Nonlinear Disk Recorder that uses a Hard Disk Drive instead of video tape as the recording media.

A newly developed lightweight FieldPak2, Hard Disk Drive, with the new DNR-20 lightweight recorder package offers features unique to the Editcam2 System.

FEATURES

- Innovative direct nonlinear recording for nonlinear editing with no digitizing. The Drive you record on is the same Drive that is used by the editor.
- Time Lapse Recording, Intelligent recording, and RetroLoop : Features only the DNR-20 Disk Recorder can offer.
- Two interface connections are available:
 - 79-pin for high-end UNICAM HL-57/59 cameras.
 - 50-pin for HL-45/HC-400 cameras.Connect the DNR-20 as a direct replacement for the traditional VCR.
- Compatible AVID MediaComposer, Xpress, Symphony and NewsCutters for maximum flexibility.
- DNR-20 plus FieldPak2 package offers high reliability, stability and portability for field use.
- Extremely low maintenance because there is No Tape Transport! No upper drum assemblies to replace or heads to clog. Virtually all the recorder moving parts are in the FieldPak.



[DNR-20 left side]

DNR-20's revolutionary features

● RetroLoop

RetroLoop function allows you to capture an event up to five minutes after it has occurred. You can designate from 5 seconds to 5 minutes as a "time buffer". This assists you in timing for shooting scenes in the face of unexpected events and also eliminates the need to keep shooting unnecessary tape. This permits the most efficient utilization of the recording medium.

● Intelligent Recording

Intelligent recording enables you to start shooting immediately even while viewing the recorded video, which is impossible with video tape.

● Time Lapse Recording

Time Lapse recording allows you to record from one frame out of two or up to one frame a day. Surveillance video over a long period of time can be easily captured with this great efficiency.

● High Quality Video

DNR-20 is now supporting the Avid video compression of AVR75(70BH), JFIF(3:1/10:1) or DV(25/50). You can choose AVR/JFIF (or AVR/DV), now, and then add DV (or JFIF) with an optional software upgrade, later on. IMX compression will be released soon as optional software.



[FieldPak2 HDD recording media]



[DFPSA FieldPak2 adapter]



[DNR-20 right side]

● RetroLoop

The RetroLoop function provides up to five minutes of loop recording on the disk. If the REC start button is pressed after an event happens, the moment before up to five minutes can be recorded.

● Touch Panel

Disk operation and setting can be easily adjusted. Compression and format also can be changed at this panel.

● Operation Control for Record/Playback

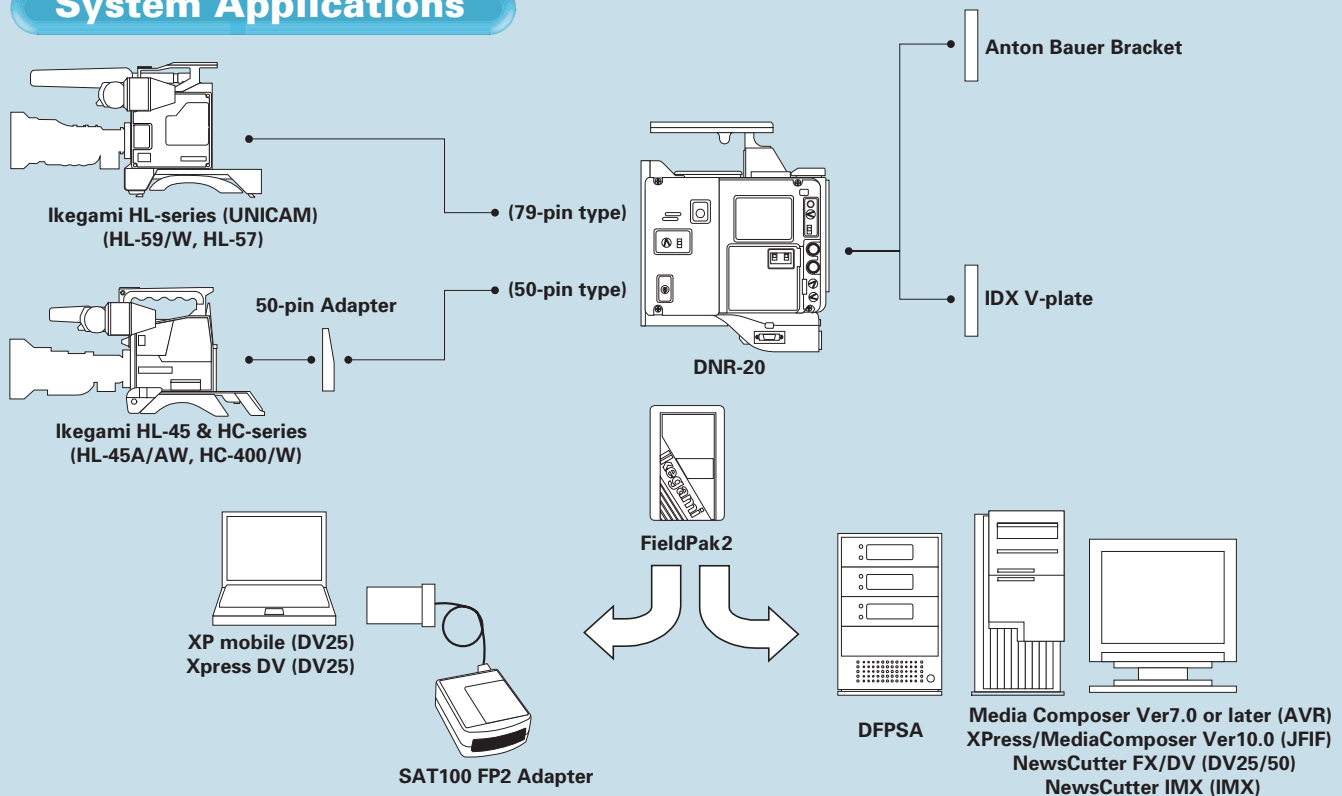
You can control disk such as record / playback, select input source, and clip navigation.

● Remote Connector

It's possible to connect the RUC, which can edit video clips in the FieldPak2, through a separate software package.



System Applications



SPECIFICATIONS

Power Requirement : DC+12V (+11 to +17V), less than 18.0W

Ambient Temperature : 0 to 40 (Operating)
(degrees Celsius)

Humidity : Less than 85% (no condensation)

Dimensions : W212 X H247.8 X D130mm (8.35 X 9.76 X 5.12inches)

Mass : 3kg approx. (6.61lbs)

Sampling : 4:2:2 13.5MHz/8bit

Disk Recording Time : Approx. 70min. (at 16GB / DV25)
(Depending on picture contents and video resolution)

Input Signals

Camera Video Input : Y,Cr,Cb/0.7Vp-p
or External Video Input : 1Vp-p, positive (BNC)

Audio Input : 2ch, 3-pin, -60dB/+4dB balanced

Output Signals

Program Video Output : 1Vp-p/75Ω, positive (BNC) (SMPTE-170M)

Monitor Video Output : Y signal output of monitor video signal available.

Audio Output : 2ch +4dB, 600Ω, balanced (output level variable)

Design and specifications are subject to change without notice.

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