JVC

SPORTS PRODUCTION & COACHING
CONNECTED CAM™ 1-INCH CAMCORDER

GY-HC500SPCN (NDI®|HX)
GY-HC500SPCU

Sports Coaching Metadata Tagging

CATAPULT

DV SPORT SOFTWARE

RUNNERS 0   PLAYERS 0   1st | 4:56   1st & 10   2   3

Professional camcorder with features specifically for sports production and coaching such as Score Overlay and Metadata Tagging capability.

CONNECTED CAM™

Ball On and Play Clock for Football
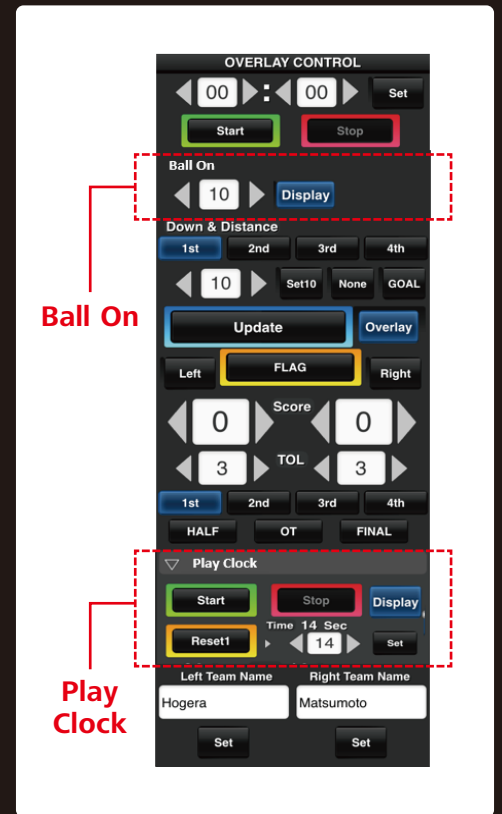

Play Clock
Ball On

■ Ball On

Added "Ball On" information for Football, which displays the yardage of the ball position. Ball On can always be displayed.

■ Play Clock

Counts down the time when play must start. Play Clock can be switched On or Off.

■ Genius SPORTS Compatibility

Ball On and Play Clock data can work with Genius SPORTS devices.
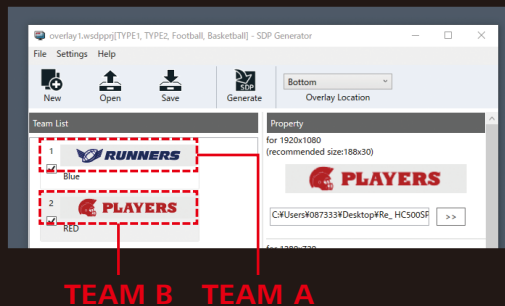
Clean Video via SDI

Turn ON or OFF Overlay.
Clean Video (no over-lay graphics) of SDI+VF+LCD simultaneously, except when streaming H.265 with the KA-EN200.

OVERLAY CONTROL

Ball On

Ball On

Play Clock

Play Clock

Overlay Output	
HD Recording	On
HDMI	On
SDI/LCD/VF	On
Proxy Recording (Fixed)	On
Live Streaming (Fixed)	On
USER1 Apply	

SDP Generator

SDP Generator is an Free application to generate a data file (SDP file) for importing images to JVC camera that supports overlaying of images.
This Free appliaction allows you to display team logos, team name text and various information.

TEAM B   TEAM A

TEAM A   TEAM B

GY-HC500SPCN NDI®|HX Capability

GY-HC500SPCN

The NDI®|HX mode modification adds the capability for the GY-HC500 Series to become a live video source for NDI®|HX compatible hardware or software connected to the local area network (LAN).
Features available in the NDI®|HX mode include automatic camera discovery on the LAN by supported hardware and software, tally support, and IP remote control capability.

■ NDI®|HX Streaming mode

Resolution	1920x1080, 1280x720
Frame Rate	60p, 50p
Bit Rate	1920x1080: 20M/16M/12M 1280x720: 16M/12M/8M
Recording	Not Available

EZW Camera Angle Tag

EZW (End-Zone Wide) added to camera angle tags.

Score Overlay

Score Overlays and Customization for Live Streaming and Recorded Video

- GY-HC500SPCU/N offers lower-third score overlays for recorded or streamed HD video output without an external CG or production switcher.

- The camcorder comes with graphics pre-installed for a variety of sports, including football, basketball, baseball, football (soccer), ice hockey and others.

- The overlays are controlled using a browser-equipped device such as a tablet or smartphone.

- SDP Generator lets customers upload team logos.

- If desired, the overlay can be placed over the streamed video only, leaving the recorded video without graphics.

- JVC has released SDP Generator which enables the user to store up to 30 team names and logo bitmaps within the camera.

Custom Full-Screen Overlays and Slideshows

- Add up to 50 full-screen custom graphics (PNG or JPG format) from an SD card to the GY-HC500SPCU/N and store them in the camcorder for live streaming or recording in the HD mode.

- Overlays and slides are a perfect way to advertise your sponsors either as banners during the game, or full-screen at halftime.

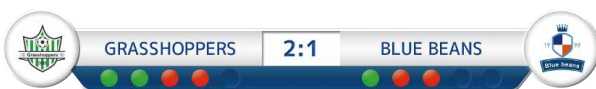- It's also a great way to introduce the team members via a pre-game slideshow.

Basketball

Soccer: Small size

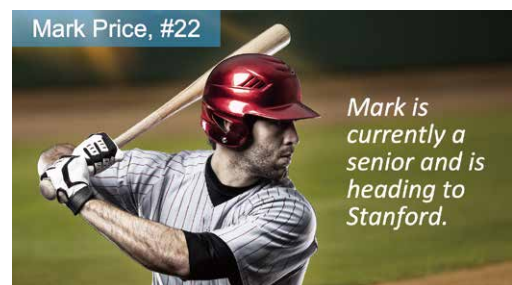Soccer: Shootout

Hockey

Baseball

Slideshows can be prepared prior to the game, loaded on an SD card and streamed live before or after the game, at halftime or during commercial breaks.

Automatic Score Updates with ScoreLink Devices from Genius SPORTS

GY-HC500SPCU/N features a unique sports overlay capability with Genius SPORTS ScoreLink and ScoreLink+ Scoreboard Interface Devices. The GY-HC500SPCU/N provides a complete end-to-end sporting event coverage system with user-personalized team name and logo. The ScoreLink devices enable real-time scores and game sequence information updates directly from the scoreboard to the GY-HC500SPCU/N.

Add scores automatically with ScoreLink devices from Genius SPORTS.

ScoreLink+

SCOREBOARD

Sports Coaching Metadata Tagging
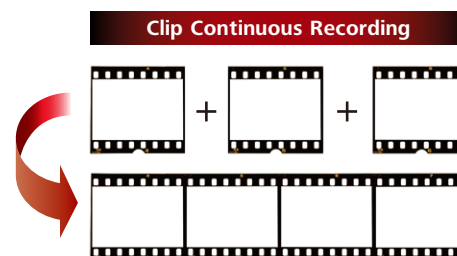
Seamless Interface with XOS Thunder HD™ and DVSport

The integrated combination of JVC, XOS, and DVSport technologies enables sports organizations to add game play metadata with recordings from various camera angles—all synchronized with a single UTC time signal thus significantly reducing the time uploading practice and game footage. XOS Digital and DVSport are the leading providers of digital coaching technology.

CATAPULT

DV SPORT SOFTWARE

Others

Clip Continuous Recording

This function enables you to store a number of shots together as a single clip file. Instead of having to manage enormous amounts of files, or browsing through dozens of separate files just to gather up the scene you need, you can use pre-grouped clips for easier transfer and editing.

Clip Continuous Recording

Broadcast Overlay

- Lower-third and full-screen titling solutions for recorded or streamed HD video.
- Place a watermark anywhere on the screen—even while doing lower-third score overlays.

Exchange Format

The Sports Video Interoperability Group made "Exchange Format 1080p/720p" that allows video and metadata to be used across different applications.

Video Codec	Mode	Resolution	File Format
MPEG-4 AVC/H.264	Exchange	1920 x 1080 (12Mbps)	MP4
		1280 x 720 (8Mbps)	

GPS receiver with UTC metadata recording

GY-HC500 Series Comparison

Features		GY-HC500SPCN	GY-HC500SPCU	GY-HC500UN	GY-HC500U	GY-HC550UN	GY-HC550U
NDI®|HX		Yes	—	Yes	—	Yes	—
Score Overlay	Score Overlay	Yes	Yes	—	—	—	—
	ScoreLink	Yes	Yes	—	—	—	—
	Ball On and Play Clock	Yes	Yes	—	—	—	—
	Clean Video via SDI	Yes	Yes	—	—	Yes	Yes
	EZW (End Zone Wide)	Yes	Yes	—	—	—	—
Sports Coaching Metadata Tagging	CATAPULT	Yes	Yes	—	—	—	—
	DVSport	Yes	Yes	—	—	—	—
Others	Full Screen Overlay	Yes	Yes	—	—	Yes	Yes
	Broadcast Overlay	Yes	Yes	—	—	Yes	Yes
	Exchange Format	Yes	Yes	Yes	Yes	Yes	Yes
	GPS receiver with UTC metadata recording	Yes	Yes	—	—	—	—
	GPS	Yes	Yes	—	—	Yes	Yes

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