



HD-RH1

1/3" PROGRESIVE 3CCD
HDTV CAMERA

Image Sensor	1/3-inch Progressive Square Pixel CCD's
Optical System	1/3-inch 3-CCD Prism System
Limiting Resolution	700 TV Lines (720p) 900 TV Lines (1080i/p)
Lens Mount	C-Mount
Sensitivity	F/8 @ 2000 LUX
Signal/Noise Ratio	52dB typical, Y Channel
Quantization	14-Bit
Gamma	On/Off
White Balance	Automatic (AWB) or Manual
Black Balance	Automatic
Gain	0dB to 15dB, Manual or Fixed
Electronic Shutter	Fixed, Variable
Scene File	3 User-Programmable Profiles
Sync System	Internal or Genlock to Analog Sync
Output Signals	BNCx3, 1Vpp, 750hm, RGB/YCbPr Sync on Y/G or YPbPr/RGB HD-SDI/SD-SDI (SMPTE-292/SMPTE-259) BNCx2: Two Single-Link 4:2:2 Dual Link 4:4:4 RGB Dual Link 4:4:4 YCbCr Dual Link 4:2:2 YCbCr for 1080p @ 60, 59.94, 50 DVI-I: RGB, YCbCr
Input Signals	Genlock: BNCx1, Tri-Level or Bi-Level Sync Remote Controls: RS-232
Power	12V DC, 30W
Tripod Mount	Includes Adapter with 1/4-20 and 3/8-16 Thread

The HD-RH1 is a revolutionary High Definition remote head point of view camera system providing a high-performance, multi-format solution in a small package.

Multi-Format:

1080sF:	30, 29.97, 25, 24, 23.98
1080p:	60, 59.94, 50, 30, 29.97, 25, 24, 23.98
1080i:	60, 59.94, 50
720p:	60, 59.94, 50, 30, 29.97, 25, 24, 23.98, 30n60, 29.97n59.94, 25n50, 24n60, 23.98n59.94
576:	50
480:	59.94

Weight

Head:	2.3 oz (64g)
Controller:	4.2 lbs (1.91kg)

Dimensions

Head:	1.32"W x 1.50"H x 1.96"D (33.5 x 38 x 49.8mm)
Controller:	9.4"W x 1.78"H x 12"D (213 x 45 x 305mm)

DIGITAL I/O

THE WORLD'S MOST VERSATILE CAMERA
OFFERS FIBER OPTIC OUTPUT

The HD-RH1 is now even more versatile with a Digital I/O package that includes twin fiber optic outputs and the capability for genlocking to a serial digital signal. The Digital I/O option comes with all the same great specifications as the HD-RH1 with the added benefit of fiber optic connectivity!

Multi-Format:	Output Signals	BNCx3, 1Vpp, 750hm, RGB/YCbPr Sync on Y/G or YPbPr/RGB HD-SDI/SD-SDI (SMPTE-292/SMPTE-259) BNCx2: Two Single-Link 4:2:2 Dual Link 4:4:4 RGB Dual Link 4:4:4 YCbCr Dual Link 4:2:2 YCbCr for 1080p @ 60, 59.94, 50 DVI-I: RGB, YCbCr
1080sF: 30, 29.97, 25, 24, 23.98		
1080p: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98		
1080i: 60, 59.94, 50		
720p: 60, 59.94, 50, 30, 29.97, 25, 24, 23.98, 30n60, 29.97n59.94, 25n50, 24n60, 23.98n59.94		
576: 50		
480: 59.94		
Weight	Input Signals	Accepts Industry-Standard SFP modules; dual/single Tx, dual/single Rx or transceiver (1 Tx and 1 Rx) Genlock: BNCx1, Tri-Level or Bi-Level Sync Remote Controls: RS-232 & RS-485**
Head: 2.3 oz (64g)		
Controller: 4.2 lbs (1.91kg)		
Dimensions		*Digital I/O option comes with dual Tx module. Other modules sold separately. **Direct connection to RCP.
Head: 1.32"W x 1.50"H x 1.96"D (33.5 x 38 x 49.8mm)		
Controller: 9.4"W x 1.78"H x 12"D (213 x 45 x 305mm)		



REMOTE CONTROL RCP-160

TOUCH SCREEN LCD AND FULL MENU CONTROL
OF UP TO SIX CAMERAS

The Iconix RCP-160 is a full-featured, configurable remote control. The RCP-160 allows full menu operations via an LCD touch screen. It controls up to six cameras at once and features assignable encoder knobs, user definable buttons, full paint and feature control, up-loadable scene files and a 3-in-1 memory card interface.

General	Control up to six cameras from a single RCP Touch-Screen LCD Graphic-User Interface for full menu and control access Dedicated and assignable encoder knobs Lens motor control: Zoom, Focus and Iris Full camera paint and feature control Upload capability of scene files to cameras Red and Green tally indication Memory slot accepts Sony Memory Stick Storage of scene files and camera configurations	Performance	Power input: 12V nominal, range TBD Power consumption: TBD Ambient Temperature: 0C to 40C (target) Ambient Humidity: <80% (target)
Front	LCD touch panel 3.5" 320 x 240 pixel (1/4-VGA) LCD display Touch-Screen interface for menu navigation and control Graphic User Interface capable of accessing/controlling all camera operational parameters 4 assignable encoder knobs for parameter adjustment 6 dedicated buttons for quick navigation to major menus	Connector Panel	One XLR-4 Male: 12V DC power input One male DSUB-15 connectors for RS-232 & RS-485 camera control One female DSUB-15 connector for tally inputs

Dimensions

14.0"L x 4.125"W x 2.8"D (355.6 x 104.77 x 71.12mm)
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