



Ross Video has a complete range of technical services available to ensure that your Acid Camera system installation is a success.

Operational Training can be provided at Ross Video, on-site or on the web. Experienced Ross operators will teach your staff to get the most out of your new system, and enhance your productions.

Commissioning is a service to help get your Acid Camera system properly configured, connected and installed. This service is performed by factory trained Ross technical staff.

Technical Training can be provided at Ross Video, on-site or over the web. Technical training will teach your engineering staff the technical details of the system you have purchased. System configuration, interfaces, databases, and routine maintenance procedures are some of the topics covered.

Acid Cameras come standard with a 1 year comprehensive warranty. **Extended Warranties** on hardware and software maintenance are available for an annual fee.

Technical advice is available on-line, by telephone, or email to Ross Video – **Free for the life of your system.**

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Visit www.rossvideo.com for the latest information on the complete line of Ross products and services.



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| A HEIGHTENED VISUAL EXPERIENCE.



ultrachrome HR



Acuity, Carbonite, and CrossOver Production Switchers | XPression Motion Graphics & Clip Servers | Acid Cameras Furio & CamBot Robotic Camera Systems | OverDrive & DashBoard Control Systems | Ultrix & NK Routing Infrastructure | openGear® Signal Processing Infrastructure | Inception News, Live, & Social Production Management | Streamline Media Asset Management | Rocket Surgery Creative Services | Ross Mobile Productions Mobile Productions

4:4:4 | Own Every Pixel.

ACID Cameras provide standard SMPTE 4:2:2 video outputs as well as adding a new, unique output called UltraChromeHR. This signal contains full bandwidth color information in a patent pending 0:4:4 coding format. The standard 4:2:2 and UltraChromeHR outputs are received by the Carbonite UltraChromeHR chroma keying system and internally combined to create beautiful keys from the resultant 4:4:4 signals.

ACID cameras are unique and have been designed to be not only perfect for studio production, but also offer unprecedented performance when used as Chroma Key sources for virtual productions.

Amazing keying power for today's traditional studio and virtual productions!

Acid Ultrachrome 4:4:4



ultrachromeHR

Unique Ross Development > UltrachromeHR is a full bandwidth 0:4:4 chroma output from our ACID cameras that is combined with a standard 4:2:2 output and processed within the new Carbonite UltrachromeHR chroma keying system as **4:4:4**. Finally – Beautifully defined, full bandwidth chroma keys!

acid cam

ACID Cameras from Ross, designed for maximum HD performance in any production environment. Offering best-in-class resolution, sensitivity and signal to noise ratio, plus unique UltrachromeHR outputs for chroma key applications.

ACID H200-UCHR

Fully progressive top of the line performer.

- 3 - 2/3" x 2.6 Megapixel UAIT MOS sensors
 - 1100 TV Line Resolution
- Ultra Low Noise – Better than 64dB (with DNR and -6dB Gain)
- Ultra Sensitive – F13, 1080P/50, F12, 1080P/59.94 (@ 2000Lux)
 - Ultra Gain Range -6 to +36 dB
 - Noise Reduction
 - 12 Vector Color Correction
- Real Time Lens Chromatic Aberration Correction
 - Skin Masking and Detail adjustment
- UltrachromeHR 0:4:4 full resolution chroma output
- Standard SMPTE 292/424 (1.5/3Gb) 4:2:2 video output
 - Formats: 720p, 1080i, 1080p, 50 or 59.94

ACID Z50-UCHR

Modestly priced 1080i performer.

- 3 - 2/3" x 1.1 Mega Pixel CCD sensors
- 800 TV Line Resolution
- 60dB Signal to Noise
- Sensitivity: F11,1080i/50, F10 1080i/59.94 (@ 2000 Lux)
- -3 to +36 dB Gain Range
- 12 Vector Color Correction
- UltrachromeHR 0:4:4 full resolution chroma output
- Standard SMPTE 292 (1.5Gb) 4:2:2 video output
- Formats: 720p, 1080i, 50 or 59.94

DashBoard Control

ACID cameras include fully integrated DashBoard controls for set up and paint. These controls are DashBoard native and can be combined with other DashBoard connected products to create unique control interfaces tailored to your application.



Carbonite Black UltrachromeHR

