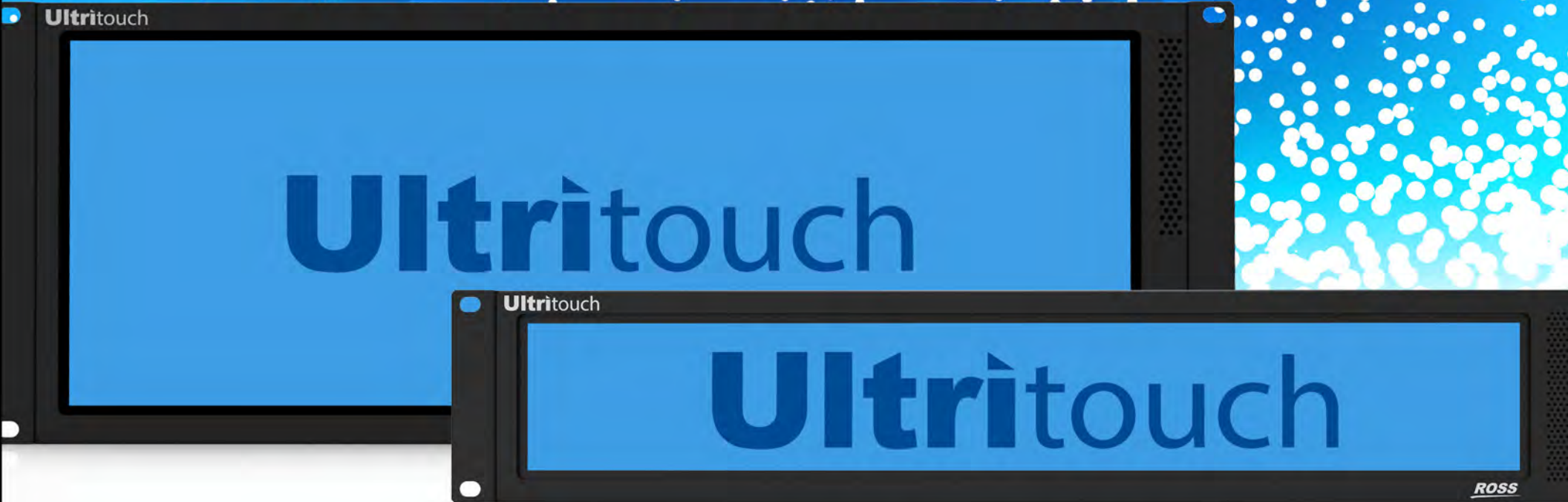


# Ultritouch





Have you ever wished you could build a control panel to fit your workflow instead of compromising your needs to fit a panel?

**Your wish is our command.**

## Meet Ultritouch

Ultritouch is a powerful system control panel from Ross Video that is totally customizable and has been designed around you. The panel is a 2RU rack-mountable touchscreen that builds on the functionality of traditional control products by adapting to your workflows, and it features a user interface that has more in common with a modern smartphone than a broadcast control panel. The magic of Ultritouch lies in its powerful Smart Touch capabilities. Ultritouch supports Ross Video's DashBoard platform natively, giving users unlimited flexibility to build panels that meet their working needs without any restrictions on numbers of buttons, button placement or display windows.

Smart Touch was developed to address the growing need for control surfaces that support traditional functionality but also offer greater levels of customization for the very precise and complex workflows of our most demanding customers. At its heart, Ultritouch features a full version of DashBoard – Ross Video's open control platform – which enables users to:

- Control a wide range of Ross products including production switchers, XPression graphics, camera motion systems, openGear and Ultrix/NK, among others.
- Create and import custom panels
- NDI/MPEG stream monitoring
- Customize button, table and line mapping





# Futuristic Hardware

- Powerful processor core
- Extended memory
- Advanced applications



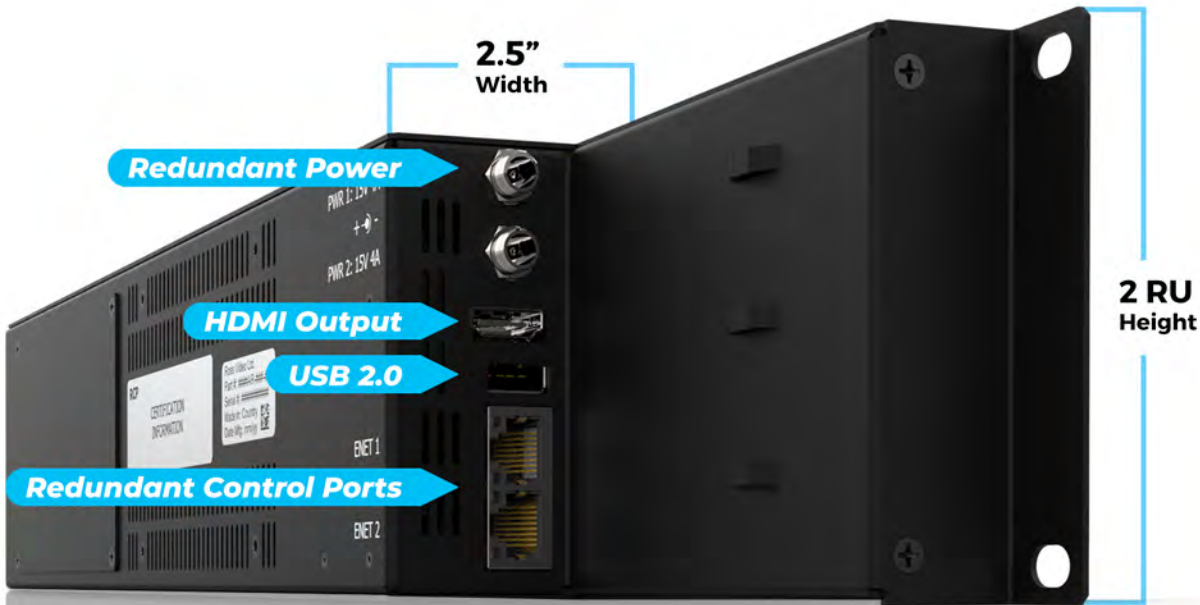
Highly Durable 'Smart Touch' Gorilla Glass



Audio speakers for monitoring

Super compact & uber shallow 4RU rackmount platform

Headphone jack

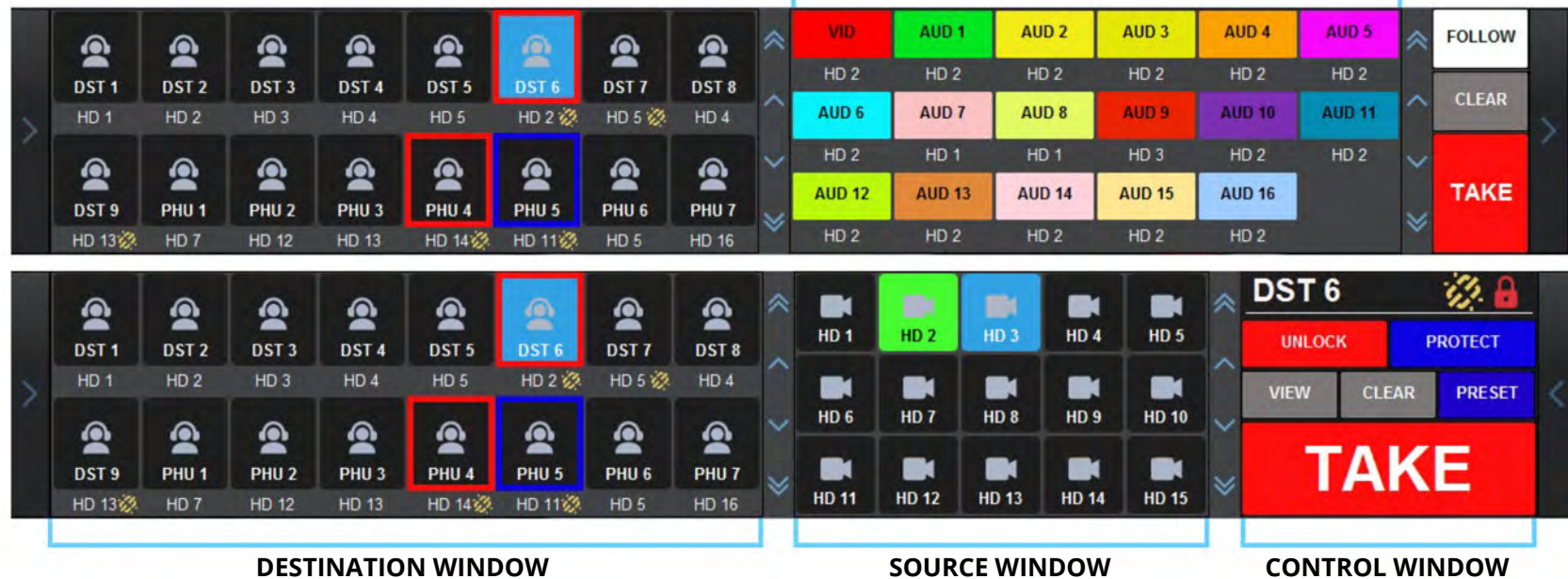


FEATURE	ULTRITOUCH
SYSTEM	
FRAME SIZE	2RU and 4RU
PSU	External + Optional Redundant Supply
BACKLIT LCD DISPLAY	No
FUNCTION BUTTONS	Programmable Smart Touch softkeys
BUTTONS	User configurable touch screen
KEY FEATURES	
AUTOMATIC DATABASE UPDATES	Yes
PRIMARY/BACKUP SERVER SUPPORT	Yes
OPERATIONAL MODES	Single or Multifunctional application based on access. Restrict or allow control via device management.
CONTROL	
PHYSICAL INTERFACE	Redundant Ethernet
CONFIGURATION	Dashboard



**Open Drawer with Advanced Status Panel:**

- View status of all levels quickly
- Breakaway/Follow selection and routing

**MONITORING PANEL**

- Resizable and repositionable video monitoring window
- Monitoring of router destinations directly on Ultritouch panel
- Requires external encoder (Newtek NDI, MPEG)
- Monitor can be set as a window or inside a drawer

**WINDOWS**

One or more static GUIs windows on the screen to support main operation of panel (routing, MV control, monitoring, etc)

**DRAWER CONTROLLER**

Accessible menus of dynamic selection controls, operators, monitoring, and other advanced functions used to compliment the operator workflows



# Router and Multiviewer Control

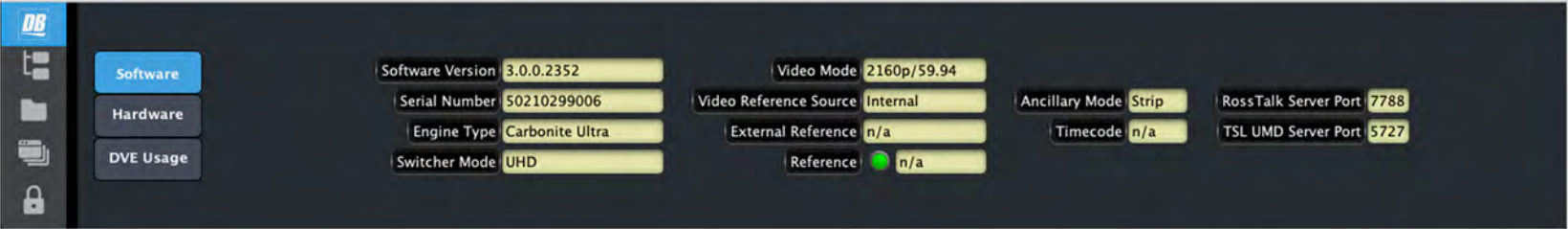
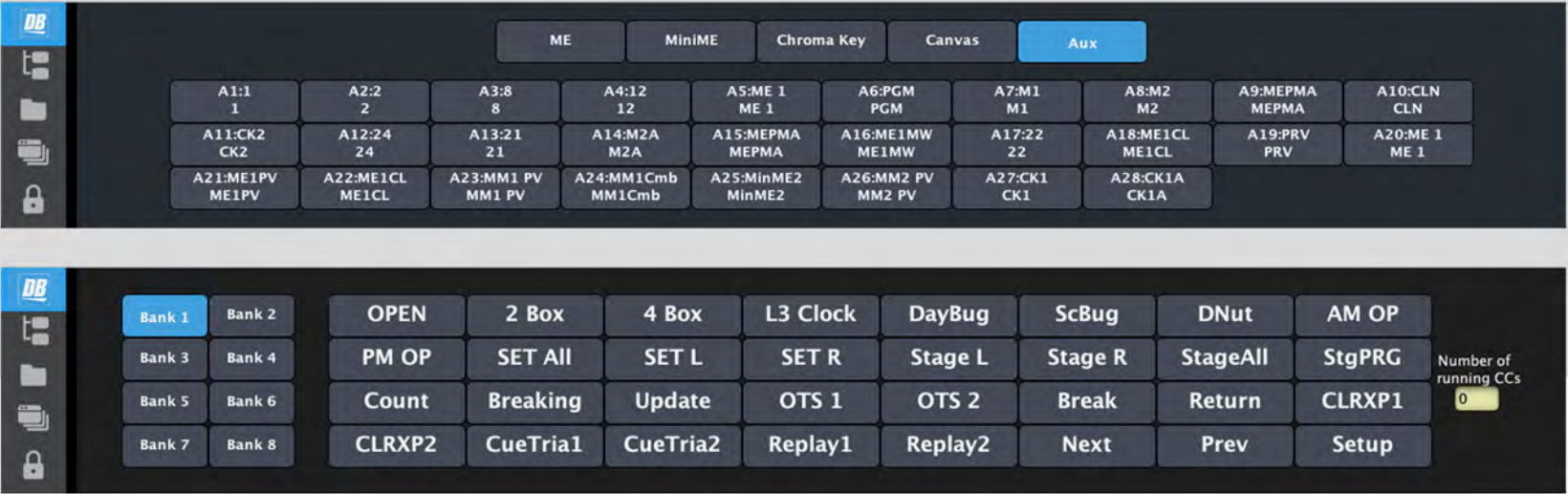
- Configured in Ultricore panel editor
- Supported applications (panel types)
  - CAT/IDX operation
  - Button per source XY panel
- Destination follow with monitoring
- Salvos operation & monitoring
- Advanced breakaway operation
- Stunning Visual Multiviewer control

# Ultrix



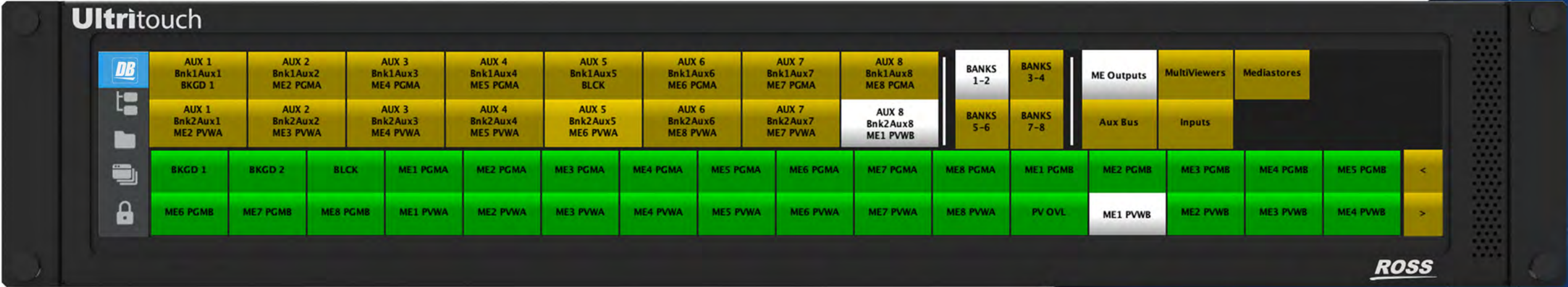
CARBONITE

- Dedicated UI Menus specifically for Ultritouch
- Monitor the health and status of the Carbonite Ultra
- Take Control of all of the Aux Buses and any Switcher ME or MiniME Bus
- Complete Custom Control Shot box access with all 8 banks and 32 Marcos per bank



ACUITY

When part of a complete live event system the ability to control Acuity Aux Buses and other parts of the system including Router destinations is paramount. Previously the operators would need to have multiple Panels - One for the Production Switcher and one for the Router. Ultritouch breaks that mold and brings a new paradigm where control of all of the DashBoard connected echo system is now available.



Production Switchers

A · C · U · I · T · Y

CARBONITE BACK

CARBONITE Ultra



OVERVIEW

Ultritouch is a powerful system control panel from Ross Video that is totally customizable and has been designed around you. The panels are a 2RU or 4RU rack-mountable touchscreen that builds on the functionality of traditional control products by adapting to your workflows, and it features a user interface that has more in common with a modern smartphone than a broadcast control panel. The magic of Ultritouch lies in its powerful Smart Touch capabilities. Ultritouch supports Ross Video’s DashBoard platform natively, giving users unlimited flexibility to build panels that meet their working needs without any restrictions on numbers of buttons, button placement or display windows.

Smart Touch was developed to address the growing need for control surfaces that support traditional functionality but also offer greater levels of customization for the very precise and complex workflows of our most demanding customers. At its heart, Ultritouch features a full version of DashBoard – Ross Video’s open control platform – which enables users to:

- Control a wide range of Ross products including production switchers, XPression graphics, Overdrive APC, openGear and Ross Routing systems, among others.
- Quickly change between panel styles and layouts, maximizing the usability of the panel and making your operations more efficient.
- Create and import custom panels
- NDI stream monitoring
- Control of 3rd party products via OGP

In addition, Ultritouch combined with Ultrix routers gives users a tremendous amount of flexibility and advanced power including:

- Quick setup using the Ultricore soft panel wizard
- Custom panel layouts using flexible Windows and Drawers based on user preference
- Button per source, Cat/Idx, Grouping, Favorites, Advanced Statusing, Salvo operations and more
- Destination follow monitoring with video using NDI streaming direct on the panel
- A multiviewer control panel that allows for control of layouts, pips, and pip behavior. This graphics intensive panel simplifies use and makes it very easy to control large amounts of multiviewers from a single control surface.

FEATURES

- 2RU and 4RU Touch-enabled Dashboard based RCP
- Shallow depth (2.5”) with sideways connector layout (to maximize leg room in desk applications)
- Redundant Power Supply (optional)
- Integrated Speakers for monitoring (future application)
- HDMI & USB ports
- System wide discovery via Walkabout
- Dashboard based for easy & fast configuration
- Full control of most Ross Products - Routers, Multi-viewers, Switchers, Graphics, APC, Processing Platforms, and more
- Dashboard tree & system management support
- Ability to store multiple panel types with intuitive navigation based on desired workflow
- Fast Reboot and control for mission critical operations
- Seamlessly fits into the current Ross control ecosystem
- Backed by famous Ross support

Ultritouch-RTR Features:

- Touch-based router soft panels optimized for comprehensive and intuitive operations
- Drawer and Window creation for completely customized workflow and panel layout
- Additional Ultritouch optimized panel for enhanced menuing, status, and control
- Standardized BPS, Enhanced BPS, Monitoring, Cat/Idx panels and more
- Fast, highly visual multiviewer specific control
- Automatically retrieve databases
- Ability to support up to 25 panels per Ultrix frame, up to 100 when using Ultricore BCS

ORDERING INFORMATION

ULTRITOUCH 2 - 2RU Touchscreen control panel

ULTRITOUCH 4 - 4RU Touchscreen control panel

ULTRITOUCH-PS Optional redundant power supply

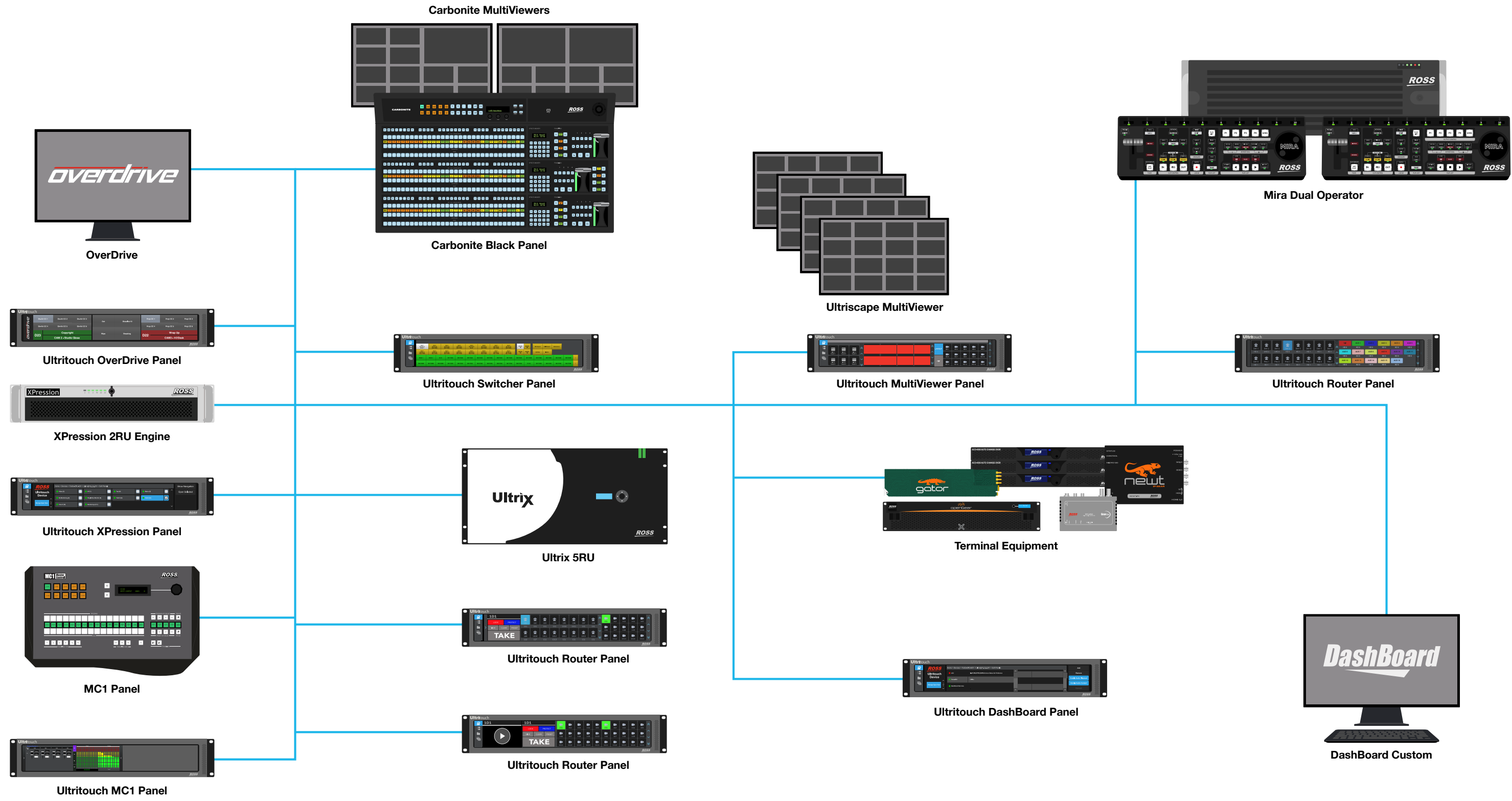
ITEM	SPECIFICATION
Ultritouch 2	
Width	19” (48 cm)
Depth	2.5” (6 cm)
Height	3.5” (9 cm)
Weight (approx.)	5.25lb (s.40 kg)
Ultritouch 4	
Width	19” (48 cm)
Depth	2.6” (6.5 cm)
Height	7.0” (18 cm)





# System Connection Basics

There are many ways to build the connectivity of a routing system. Included here are some of the more common system designs that are used for building Ultrix systems. These layouts are not exhaustive, but are meant to provide guidelines to follow when configuring a system. Please contact Ross Video for more information on specific system designs.





# ROSS VIDEO

## Production Technology Experts

### MOTION GRAPHICS

**XPRESSION** | Single, Triple, UHD Flex, Prime, Go!, Designer, Developer  
**XPRESSION CLIPS**  
**XPRESSION TESSERA**  
**XPRESSION MAPS**  
**XPRESSION TELESTRATE**  
**XPRESSION TOUCH FACTORY**  
**XPRESSION BRAND IT**



### CREATIVE SERVICES

**ROCKET SURGERY** | Graphics Creation



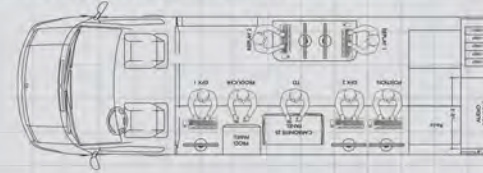
### STUDIO IN A BOX

**GRAPHITE** | All-in-One Live Production Vehicle



### OPENTRUCK

**OPENTRUCK** | Flight Case through 40-foot Truck Designs



### PRODUCTION SERVICES

**ROSS MOBILE PRODUCTIONS**



### ASSET MANAGEMENT

**STREAMLINE** | Standard, Enterprise  
**STREAMLINE.CLOUD**



### CAMERAS

**ACID CAMERA** | H200-UCHR, Z50-UCHR  
**PIVOTCAM** | PIVOTCam-20, PivotCam SE



### CHROMA KEYING

**ULTRACHROME HR**



\* Carbonite Black Chassis with UltraChroma HF Software

### NEWS & SOCIAL MEDIA

**INCEPTION NEWS** | Academic, Express, Standard, Enterprise  
**INCEPTION LIVE**  
**INCEPTION SOCIAL**  
**INCEPTION.CLOUD**  
**HORIZON**



### CONTROL SYSTEMS

**OVERDRIVE** | Express, Prime, Premium  
**OVERDRIVE + GRAPHITE**  
**DASHBOARD**  
**LIGHTNING CONTROL SYSTEM**  
**ULTRITOUCH CONTROL PANEL**



### IP TECHNOLOGY

**OEM PRODUCTS** | Market Ready Modules & System-on-Chip



### VIDEO SERVERS, REPLAY & DELAY

**ABEKAS MIRA** | Replay Systems  
**ABEKAS TRIA** | Production & Clip Servers  
**ABEKAS TRIA NEWS** | News Clip Server  
**ABEKAS AIRCLEANER** | Live Events Delay



### PRODUCTION SWITCHERS

**ACUITY** | Panel: A1s, A2m, A2x, A3m, A3, A4 Frame: 4RU, 8RU  
**CARBONITE BLACK** | Panel: C1, C1s, C2, C2s, C3s, C3x Frame: 2RU  
**CARBONITE BLACK PLUS**  
**CARBONITE BLACK PLUS 12G**  
**CARBONITE BLACK SOLO**  
**CARBONITE BLACK SOLO 13**  
**CARBONITE ULTRA**  
**ACUITY & CARBONITE IP SOLUTION**



### ROBOTICS

**FURIO SE LIVE** | Live Head, SE Dolly and SE Lift; PanBar and Joystick Controls  
**FURIO SE STUDIO** | VR100, VR600 Heads; SE & S2 Lifts; SE BlackBird; VRO Manual Fluid Head with Tracking  
**CAMBOT** | 520PT, 600PT, 700PT Heads; 600 BlackBird; 600XY & 700XY Free-Roaming Peds  
**SMARTSHELL** | Robotic Camera Control System



### VIRTUAL & AUGMENTED REALITY

**TRACKLESS VIRTUAL**  
**UX VIRTUAL TRACKING SYSTEM**  
**FRONTIER**





# Ultritouch

Ross Video has a complete range of technical services available to ensure that your Ultritouch 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 Ultritouch 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.

Ultritouch comes 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 – **Included for the life of your system.**

## Contact Us

North America: 1-844-652-0645

Global: +800 1005 0100

Email: [solutions@rossvideo.com](mailto:solutions@rossvideo.com)

Technical Support

Emergency: +1 613 349-0006

Email: [techsupport@rossvideo.com](mailto:techsupport@rossvideo.com)



[www.rossvideo.com](http://www.rossvideo.com)

## ROSS VIDEO LIVE PRODUCTION EXPERTS

### SOLUTIONS

Broadcast & Production  
Augmented Reality & Virtual Sets  
Sport & Live Events  
Legislative  
Mobile Production  
House of Worship  
Education  
Corporate

### PRODUCTS

Production Switchers  
Motion Graphics & Clip Servers  
Replay & Production Servers  
Robotic & Camera Systems  
Control Systems  
Routing Infrastructure  
Signal Processing Infrastructure  
News, Live & Social Production Management  
Media Asset Management

### SERVICES

Creative Services  
Mobile Production

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