#### Introducing 4KCRAFT, the ultimate solution for creating custom, high-performance setups tailored to your specific needs. With the ability to handle up to 16 inputs, including 12G/3G/HD/SD SDI or HDMI, and up to 4 outputs (3G/HD/SD SDI) or a single 4K HDMI output, this cutting-edge technology allows you to display all your inputs simultaneously on-screen in any size and position you desire. Experience unrivaled convenience with up to 6 layouts that can be conveniently stored in the 4KCRAFT system, readily accessible through direct keys on the front keypad or our intuitive web-based Control Software. Take full control of your 4KCRAFT units remotely, effortlessly managing them with a tablet, phone, or PC. 4KCRAFT not only delivers exceptional flexibility with up to 16 sources but also offers the unique capability to expand your

installation by cascading up to 64 sources. Featuring our groundbreaking No Delay Cascade Engine.

Elevate your control room or production setup to unprecedented levels of performance and versatility with 4KCRAFT.

Most Flexible and Modular 4K

Multiviewer to fit any installation

Experience seamless integration, exceptional quality, and unparalleled convenience in a single, comprehensive solution. With compact and Lightweight 1 RU Aluminium design, 4KCRAFT is an energy-efficient Multiviewer that grant low temperature while working.

Full Featured Multiviewer - 4K Modular Multiviewer system - Selectable format of Audio level meters (Vertical or

- Hardware based (NO Pc, NO hard-drive) Horitzontal) - Easy to use scalable modular multiviewer system - NTP and Local Clocks and Timers - 8 or 16 (12G/3G/HD/SD-SDI) or HDMI inputs in 1RU - 16 characters UMD and video format information per - up to 4 x 3G/HD SDI and 1 HDMI 4K output input - High quality image processing engine with low - Tally and UMD, TSL 3.1 and 5.0 compatible - Selectable Background, border, text color processing delay

- 16 Channel Audio Level Meters (embedded audio) (3G/HD/SD-SDI)

- - On screen alarms

- Quick control: Easy to use keyboard with user

No audio, Silence, No input and Black image on screen

configurable direct keys and encoder

- Aspect Ratio Selection (4:3, 16:9)

- ATC & D-VITC Time code (SDI)

- Markers and safety areas

alarms

- Markers & Safety Areas -Up to 16 Channel Audio Level Meters
- SPORTS PRG Tally (Green, Red and Amber TSL 5.0) (Red and Green TSL 3.1) (Red with GPIO connector) UMD (16 character)
- NO AUDIO
- Mix and Monitor 12G/3G/HD SDI and HDMI sources in any size and position in a 4K Monitor or TV!
  - ATC & D-VITC Time Code NTP and internal Clock (Clock, Date, and Text) and









- COUNTERS (Count UP & DOWN) **Backgound and Border**

- Free user friendly web-based drag and drop control

- Space-saving, fanless, energy-efficient and lightweight

software and firmware update by USB

- SNMP Compatible system

- Redundant power supply

aluminium design

CRALTECH











Any combination of SDI and HDMI signals in any format and frame rate 4KCRAFT is the ideal choice for monitoring massive control rooms, multi-camera productions, and installations with an abundance of sources, all while ensuring the highest quality. Whether you are working with camera feeds, matrices, PCs, or other signals, 4KCRAFT effortlessly supports any combination of SDI and HDMI signals in any format and frame rate, thanks to its state-of-the-art scaling and re-synchronization engine. ONE, DUO and QUATRO

Three models to offer maximum flexibility at best price!

Experience the versatility of 4KCRAFT Multiviewers, offering three distinct models designed to accommodate any budget and project requirements. Once you have determined the necessary inputs for your project, whether it is 12G/3G/HD/SD-SDI or HDMI, simply choose between the QUATRO, DUO, or ONE models based on your specific needs.

4KCRAFT is a user-friendly modular Multiviewer that provides up to 4 x 3G/HD SDI outputs and a 4K HDMI output (with support for up to 50/60 Hz, depending on the model). With 8 or 16 12G/3G/HD/SD SDI or HDMI inputs, this innovative solution offers seamless integration.

Leveraging a cutting-edge image processing engine, 4KCRAFT delivers superior image quality while minimizing processing delays. Experience the convenience and power of 4KCRAFT Multiviewers, combining reliability, flexibility, and exceptional

performance in a single solution.

ONE

1 x 3G SDI Outputs & 1 x 4K HDMI Output

# 16:22:35

**MONITOR 1** 



**MONITOR 1** 

**MONITOR 3** 





**MONITOR 2** 

**MONITOR 4** 

CRALTECH

**Timecode and Source Format** 

Information

On screen ATC Timecode information and Video

Format Information

**Encoder & Dual Functionality Direct Keys** 

Encoder to easy navigate through the OSD

menu, and direct keys with dual functionality

(fixed/configurable). Activate [Fn] and access to

your favorite adjustments just with a press. Keys LED lights can be turned off if required for dark environments

BEX SEX-SERIES ONE

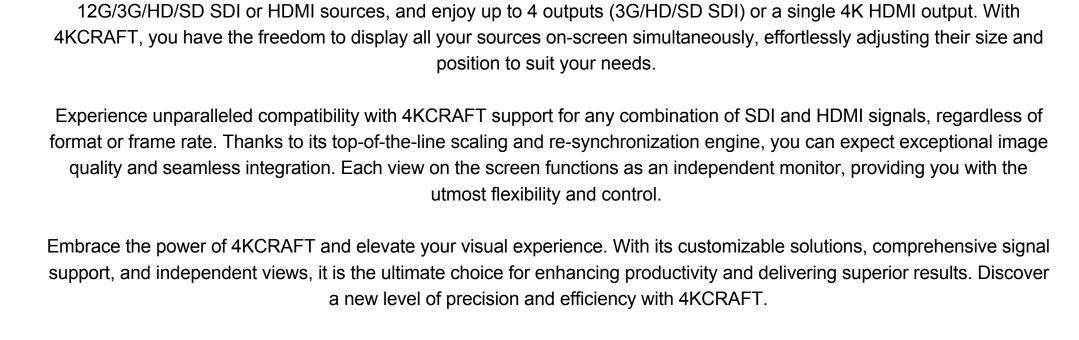
**Soft4Boxes Pro Control** Software

Soft4Boxes Pro is a user-friendly Web-

Based control software to control our

Slave 2

Slave 4



**12G SDI** 

16 or 8 x 12G/6G/3G SDI Inputs

Flexible and Modular design

Mix 12G/3G/HD/SD SDI and HDMI sources with best quality

Unlock the potential of custom solutions with 4KCRAFT. Choose between 8 or 16 inputs, supporting a range of

HDMI

16 or 8 x HDMI Inputs

**3G SDI** 

**16 or 8** x **3G SDI** Inputs

MIXED 8 x 12G or 3G SDI & 8 x HDMI Inputs

Display & control all your sources with

all Professional Monitoring tools

Discover a world of professional tools and adjustments with 4KCRAFT Multiviewers. Equipped with essential features such as UMD and Tally, Aspect Ratio Selection, Markers, 16 Channel Audio Level Meters, Alarms, Timecodes, Clocks & Timers, border and background color selection, and more, these multiviewers provide all the tools you need for a seamless operation.

With 4KCRAFT, navigating through the OSD menu is a breeze, thanks to user-configurable direct keys and an encoder. Easily locate any adjustment or function with the press of a direct key, and for environments with low light, you have the option to turn off the LED lights on the keys.

Experience ultimate convenience with our web-based Control Software, allowing you to remotely control all your 4KCRAFT units effortlessly. With just one touch on your tablet, phone, or PC, you can access and manage your multiviewers from

# standard markers fits your requirements.

Travel 02

Tally and UMD

Red, Green and Yellow tally and 16 character

UMD compatible with TSL 3.1 and TSL 5.0. Three

tally modes available: Square, Border and UMD

(all can be activated together)

**Markers** 

Wide range of markers and security areas are

available with line color and curtain transparency

selection. A User Marker is available if any of

16 Channel Audio Level Meter

Display up to 16 Channel Audio Level Meters with

a wide range of options (All together, Separate in

pairs-odds,.. Selectable Yellow and Red color

level and two different sizes.

**Border & Text color selection** 

Selectable Border and Text color. Available

colors: black, white, red, green, blue, cyan,

magenta, yellow and 7 grey levels.

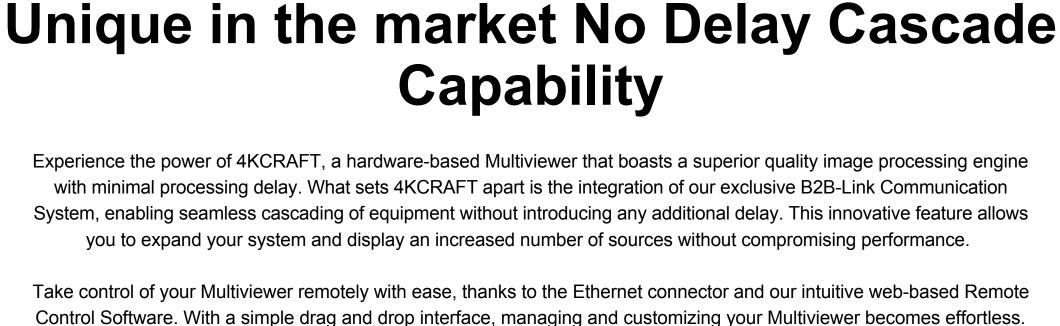
Multiviewer, Monitors and Video Processors. Control all your 4KCRAFT units remotely only with one touch using a tablet, phone or PC! \* Click here for more information! Up to 64 SDI or HDMI sources using the unique **No Delay Cascade Capability** 

**Clocks & timers** 

Display up to 2 clocks and 6 timers in your

Layout. NTP and internal clocks and UP and

Down Counters.



**MASTER** 

Slave 1

SPORTS 04

04:02:56

previev

Rooms

- Quality Control

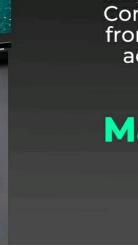
-Control Rooms

- R&D Departments

- Engineering Departments

1080P50

Slave 3



- Engineering Departemnts - Software and games design

- Design & Modeling Departments



Control your **4KCRAFT** 

Live Stream and e-**Industry and Control** Stock and Banking **Engineering & Design** 

Flexible and Easy to use, 4KCRAFT can

be used in a wide range of applications

**INFO NEWS** 

Rental, Staging & Live **Events** - Conferences & Corporate events

**ABOUT US** LAST NEWS ON TWITTER Light Illusion is the de-facto standard for display calibration and colour management within the Film, Post-Production, and Broadcast industries, guaranteeing image accuracy and consistency at all levels. Uniquely, Light Illusion supports Home Cinema at the same professional level, enabling home users to match professional colour accuracy. Light Don't just calibrate - Manage Colour, Generate Looks, Manipulate LUTs, Control Image Workflows...

Market

control

- Banking control rooms and offices

- Stock Market & Brokers control

\* Specifications are subject to **SUPPORT** +34 93 465 74 04 Language: ESP | ENG SCREENBRIDGE CATALOG

**Broadcast** Corporate & **Presentations** - Control Rooms - Presentations & Conferencing - Events - Training facilities

Government - Courtrooms - KVM Remote control optimization - Control rooms

- Mission critical environments

- Stadiums change without prior notifications Follow us and stay connected at:

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anywhere. Say goodbye to complicated setups and embrace the simplicity of remote control. Unlock the full potential of 4KCRAFT Multiviewers and streamline your workflow with intuitive controls, advanced features, and seamless remote access. Enhance your productivity and achieve optimal results with ease.

**Alarms** 

On screen video and audio alarms with selectable

color and time selection. No Input, Black Image,

No Audio, Silence.

Additionally, the software is SNMP compatible, ensuring seamless integration with your existing network infrastructure.

Embrace the cutting-edge technology and versatility of 4KCRAFT Multiviewer. Enjoy superior image processing, minimal delay, expandability, and remote control capabilities, all in a single, reliable solution. Streamline your workflow and elevate your visual experience with 4KCRAFT.

- Cryptocurrency Servers and

- Multi-screen live events - Casinos

**Sports** 

- e-Sportes

- Live Stream Set Up

- Gaming & Software Dessign

**Product Overview** 

**Specifications** 

Models



#### **Find Reseller Datasheet PDF**

**SPECIFICATIONS** 

# **Connections**

- 8 or 16 12G/3G/HD/SD/SDI or HDMI (Depending on the model)

**VIDEO INPUTS** 

- **VIDEO OUTPUTS**
- 4KCRAFT-QUATRO (4 x 3GSDI OUTPUTS and 1 x HDMI 4K UHD up to

50/60hz Output)

- 4KCRAFT-DUO (2 x 3GSDI OUTPUTS and 1 x HDMI 4K UHD up to 25/35hz Output)
- 4KCRAFT-ONE (1 x 3GSDI OUTPUT and 1 x HDMI 4K UHD up to 25/35hz Output)
- TSL and Remote Control

- 1 x RJ-11 connector for TSL 3.1 (RS-485) and RS-232 in/out

- 1 x Ethernet RJ-45 for TSL 5.0 and SNMP control softwares.
- 1 x GPIO contact closure Connector for Red Tally.

Compatibility

inputs with different resolutions and frequencies. **Updates** 

Autosensing inputs between 3G/HD/SD and simultaneous viewing of all

Through USB 2.0 high speed connection or Ethernet.

Configuration

Through Ethernet control free software Soft4Boxes Pro.

### Compatible format

12G Standards - SMPTE ST 2081 and SMPTE ST 2082

- Format: 2160p(60/59.94/50/30/29.97/25/24/23.98)

- Cable lenght: 85m Belden 1694A - BNC Connector
- 3G Standards

- SMPTE 424M-2006 level A and Level B Dual Stream (B-DS) - Format: 1920x1080p (60, 59.94, 50)

- Cable lenght: 85m Belden 1694A
- BNC Connector
- **HD Standards**

- SMPTE 274M and SMPTE 296M

- Formats: 1080p (30, 29.97, 25, 24, 23.98, 30PsF, 29.97PsF, 25PsF,
- 24PsF, 23.98PsF) 1080i (60, 59.94, 50) 720p (60, 59.94, 50) - Cable lenght: 100m Belden 1694A
- BNC Connector
- SD Standards

- SMPTE 125M/259M
- Formats: 480i (59.94) 576i (50)
- Cable lenght: 250m Belden 1694A - BNC Connector
- SDI Compliance

SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 425M-B, ITU-R

**HDMI** 

BT.656, ITU-R BT.601.

23.98sF) 1080i (60 / 59.94 / 50), 720p (60 / 59.94 / 50) and multiple PC resolutions

- Formats: 1080p (60 / 59.84 / 50 / 30/ 29.97 /25 / 24 / 23.98 / 25sF / 24sF/

SDI Video Sampling

**Audio Level Meters** 

4:2:2

Vu-meters standard in every input (16ch on 3G/HD/SDI and 8ch on HDMI)

SDI Audio Sampling Standard frequency of 48 kHz and 24 bits.

**SDI Color Precision** 

4:2:2 of 10 bits input

SDI Color space YUV

#### **Control**

Built-in Keyboard

parameters. External control

Multiple user configurable keys and encoder for adjusting all the multiviewer

Full control of all parameters through ethernet using our free software Soft4Boxes or any other SNMP agent.

Create your customized keypad broadcast deck using our keypad creator on Soft4Boxes PRO and access your main features and layouts faster.

**Customized Keyboard** 

# **Power requirements**

Power supply

12V External power supply IEC Cable (included) for 100-240 V. Configuration will preserve and restore inmediatly when power back on the equipment.

Power Fail protection

**Power Consumption** 24 W

# **Physical Specifications**



#### **Operating Temperature** Relative Humidity

0 °C a 40 °C (32 °F a 104 °F) Storage Temperature

-20 °C a 45 °C (-4 °F a 113 °F)

0 % a 90 % without condensation

## Warranty

2 year warranty on the electronics. Limited Manufacturer warranty.

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#### Ordering reference

4KCRAFT-QUATRO references (4 x 3GSDI OUTPUTS and 1 x HDMI 4K UHD up to 50/60hz Output)

- 4KCRAFT-12G16 (QUATRO) 16 x 12G SDI inputs
- 4KCRAFT-12G8 (QUATRO) 8 x 12G SDI inputs
- 4KCRAFT-3G16 (QUATRO) 16 x 3G SDI inputs
- 4KCRAFT-3G8 (QUATRO) 8 x 3G SDI inputs
- 4KCRAFT-HD16 (QUATRO) 16 x HDMI inputs
- 4KCRAFT-HD8 (QUATRO) 8 x HDMI inputs
- 4KCRAFT-12G8HD8 (QUATRO) 8 x 12G SDI & 8 x HDMI inputs
- 4KCRAFT-12G8HD8 (QUATRO) 8 x 3G SDI & 8 x HDMI inputs

4KCRAFT-DUO references (2 x 3GSDI OUTPUTS and 1 x HDMI 4K UHD up to 25/35hz Output)

- 4KCRAFT-12G16D (DUO) 16 x 12G SDI inputs
- 4KCRAFT-12G8D (DUO) 8 x 12G SDI inputs
- 4KCRAFT-3G16D (DUO) 16 x 3G SDI inputs
- 4KCRAFT-3G8D (DUO) 8 x 3G SDI inputs
- 4KCRAFT-HD16D (DUO) 16 x HDMI inputs
- 4KCRAFT-HD8D (DUO) 8 x HDMI inputs
- 4KCRAFT-12G8HD8D (DUO) 8 x 12G SDI & 8 x HDMI inputs
- 4KCRAFT-12G8HD8D (DUO) 8 x 3G SDI & 8 x HDMI inputs

4KCRAFT-ONE references (1 x 3GSDI OUTPUT and 1 x HDMI 4K UHD up to 25/35hz Output)

- 4KCRAFT-12G16O (ONE) 16 x 12G SDI inputs
- 4KCRAFT-12G8O (ONE) 8 x 12G SDI inputs
- 4KCRAFT-3G16O (ONE) 16 x 3G SDI inputs
- 4KCRAFT-3G8O (ONE) 8 x 3G SDI inputs - 4KCRAFT-HD16O (ONE) - 16 x HDMI inputs
- 4KCRAFT-HD8O (ONE) 8 x HDMI inputs
- 4KCRAFT-12G8HD8O (ONE) 8 x 12G SDI & 8 x HDMI inputs
- 4KCRAFT-12G8HD8O (ONE) 8 x 3G SDI & 8 x HDMI inputs
- \* For other input combinations contact us.

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