ColorEdge **CS3200X**



→ **Product Website** → **Video Playlist** → **Experience in AR**

31.5" 4K graphics monitor

The ColorEdge CS3200X offers visual reliability on a 31.5-inch display and is the ideal tool for all creative professionals. Whether your content is photographed, filmed, scanned, drawn, or AI-generated – one thing is always essential: reliability and precision. And you can never have enough screen space. That's exactly what the CS3200X offers with its 31.5-inch screen diagonal and razor-sharp 4K UHD display. This ensures that image content, user interfaces, tools, and the timeline are all displayed clearly and at an optimal size. The CS3200X covers 99% of the Adobe RGB and 96% of the DCI-P3 color spaces – ideal conditions for image editing, post-production, color grading, and printing. Numerous pre-calibrated presets, such as Adobe RGB, DCI-P3, and BT.709, allow for quick switching between different production standards. When used with Apple devices, the Display P3 preset ensures consistent image reproduction. Thanks to presets for HLG and PQ gamma, the CS3200X integrates seamlessly into professional HDR workflows. In Sync Signal mode, brightness, gamma, and color space are even automatically adjusted according to the video signal's metadata. Via USB-C, the monitor transmits video signals, USB data, and up to 70 watts of charging power. HDMI and DisplayPort are also available. The integrated KVM switch allows for convenient use of USB accessories with multiple computers, and the included light shield rounds out the extensive feature set.

- 31.5-inch 4K UHD display with 3840 x 2160 pixels, 16:9 aspect ratio
- 99% Adobe RGB and 96% DCI-P3 color gamut coverage
- 350 cd/m² maximum brightness, 1300:1 contrast ratio
- 16-bit look-up table (LUT) with 10-bit image representation
- Digital Uniformity Equalizer (DUE) for perfect luminance distribution and color purity
- Sync signal function for automatic adjustment to signal parameters
- HDR targets for HDR-HLG and HDR-PQ EOTF
- Lossless hardware calibration with ColorNavigator and external sensors
- USB-C (DisplayPort signal and up to 70 watts Power Delivery), DisplayPort, and HDMI inputs
- USB hub with four USB downstream ports, including two 5 Gbps (USB 3) and two USB 2 ports, KVM switch
- Magnetically attached light shield included
- 5-year warranty for highest investment security

Precision and color accuracy

High-contrast, bright and crisp screen

CRYSTAL-CLEAR DISPLAY

4K UHD resolution

Thanks to the resolution of 3840 x 2160 (4K UHD), the CS3200X has an enormous pixel density of 140 ppi. Visible monitor pixels are guaranteed to be a thing of the past and even the monitor display gives a very meaningful impression of the subsequent print resolution. The IPS panel has a maximum brightness of 350 cd/m^2 and achieves a contrast ratio of 1300:1. Films can be assessed, edited and graded with the CS3200X in full 4K UHD resolution. The LCD module allows a viewing angle of 178 degrees. This keeps colour tones and contrasts stable in the user's viewing cone.

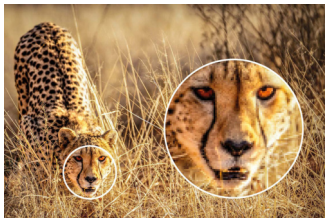
Read here to find out what other advantages a high-resolution 4K monitor offers.



4K-UHD (3840 x 2160)



WQHD (2560 x 1440)



Full HD (1920 x 1080)

FOR SATURATED COLORS

Wide gamut color space

To be able to use the entire colour spectrum of modern cameras, you need a monitor with the largest possible colour space. Only then is it possible to visually assess and edit the saturated hues contained in the file. That is why the IPS panel of the ColorEdge CS3200X covers, for example, the wide AdobeRGB photo gamut as well as the CMYK print gamut ISO-Coated V2 to more than 99 %. This means that the full colour spectrum of modern cameras is represented unaltered and without gaps. And a precise simulation of the print result in the softproof view is also guaranteed.

Read here why an AdobeRGB monitor is essential for professional graphics work.



SMOOTH TRANSITIONS AND GRADIENTS

16-bit LUT and 10-bit mode

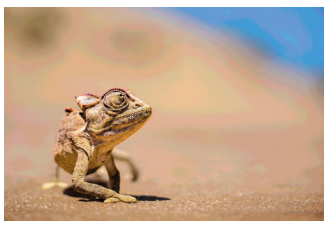
The LUT (look-up-table) on the CS3200X employs internal calculations with 16 bits for an extremely high colour depth and outputs the signals with up to 10 bits. This provides billions of hues for calculating the precise monitor display, effectively preventing display errors caused by the monitor such as banding or clipping, which can result in tonal breaks in gradients or unnecessary colours in greyscale. Even fine nuances and structures in dark or highly saturated areas of the image can be displayed in a differentiated and detailed manner.



10 bit (LUT: 16 bit)



8 bit (LUT: 16 bit)



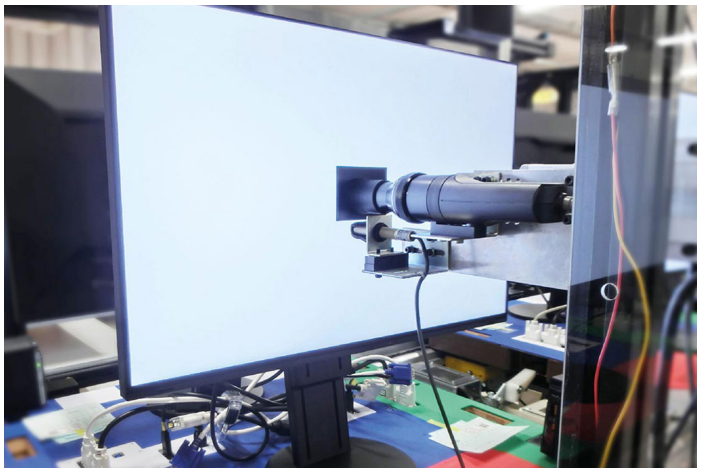
8 bit (LUT: 8 bit)

READY TO USE RIGHT OUT OF THE BOX

Perfect settings right from the factory

Every ColorEdge CS3200X is individually measured and optimally configured in the factory, enabling it to be used immediately after it has been unboxed. To this end, the gamma curves for the red, green and blue channels are closely checked and corrected, if necessary. This unique EIZO factory calibration enables the user to start using the monitor with the preset gamut range right out of the box. This painstaking calibration at the factory ensures that the user can quickly recalibrate the monitor if needed using ColorNavigator.

Read all about monitor calibration here.



HOMOGENEOUS IMAGE DISPLAY

Digital Uniformity Equalizer

Each individual monitor panel is precisely measured over the entire surface at the EIZO factory. Any inhomogeneities in brightness and unnecessary colour are detected and removed. This process (Digital Uniformity Equalizer) guarantees that identical colours always look the same across the entire surface of the monitor, no matter where they are displayed. Only in this way is precise image processing and retouching possible.



With DUE

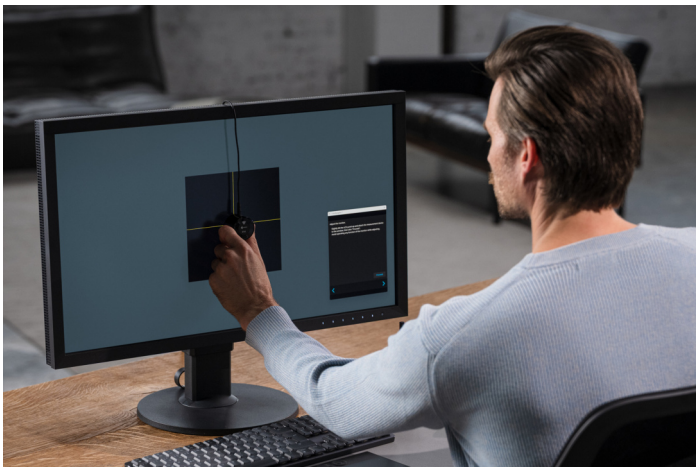


Without DUE

FAST, EASY AND LOSSLESS

Hardware calibration without any compromises

It is essential that the monitor is regularly calibrated to ensure that it always displays the same file in the same way over its entire service life. To do so, all ColorEdge monitors employ lossless hardware calibration. Unlike software calibration, which always involves the risk of loss of display quality, hardware calibration not only creates an adjustment profile for the graphics board but also calibrates the monitor's LUT (look-up-table).



INDIVIDUAL FACTORY ADJUSTMENT

Calibration report

Each ColorEdge CS3200X comes with an individual calibration report that shows the measurement results of the factory calibration of the monitor. The report proves the homogeneity, gamma curve, colour space coverage and white point of the monitor.

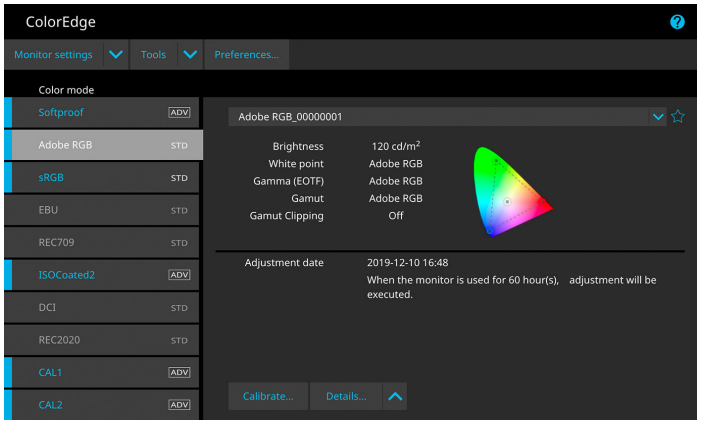
More information on the calibration report.

COLORNAVIGATOR

EIZO software for fast calibration and printing

Each monitor ages and changes its display properties. This is why graphics monitors, which require an absolutely constant image display over the entire service life, must be regularly calibrated and adjusted. With the free calibration software ColorNavigator from EIZO, the ColorEdge CS3200X can be adjusted within 90 seconds (measured with a MacBook Pro and EX5), easily and without any losses. This is to ensure that the same image still looks the same on the monitor five years from now. More information on the EIZO ColorNavigator.

The free Quick Color Match software helps users, even without in-depth expertise in colour management, to see on the monitor how their images will look when printed on their Canon or Epson inkjet printer at home. In this way, the images can be optimised for the special properties of the selected photo paper even before printing, which helps users avoid expensive misprints. More information on Quick Color Match.



FOR OPTIMIZED COLOR REPRODUCTION

EIZO microchip

The CS3200X has a high-quality microchip whose features EIZO has developed specifically for the special requirements of color-accurate work. This microchip is the brain of a ColorEdge as it guarantees the precise, uniform and constant image display that is the hallmark of EIZO.



Video and film production

Features for post-production

INTEGRATED PROFESSIONAL HDR SUPPORT

HDR Gamma

The ColorEdge CS3200X supports the two gamma curves for HDR video: the HLG (Hybrid Log-Gamma) curve and the PQ (Perceptual Quantization) curve. Up to the maximum brightness of 350 cd/m^2, thus the CS3200X ensures a meaningful impression of the processed HDR material, so that a HDR reference monitor like the ColorEdge CG1 is often only required in the final production step.

PRE-INSTALLED INDUSTRY STANDARDS

Color space presets

Presets for the DCI-P3, BT.709, and BT.2020 color spaces are precisely calibrated at the factory and ensure accurate gamma values. In addition, color modes for PQ (DCI and BT.2100) and HLG (BT.2100) for displaying HDR content are also pre-set at the factory. When used with Apple devices, the Display P3 preset ensures consistent image reproduction. The brightness setting for each preset can be conveniently adjusted and recalibrated thanks to the built-in calibration sensor. HDR mode on Windows and macOS is directly supported. This makes it very easy to use typical HDR video applications with the appropriate tone curve and corresponding monitor settings.



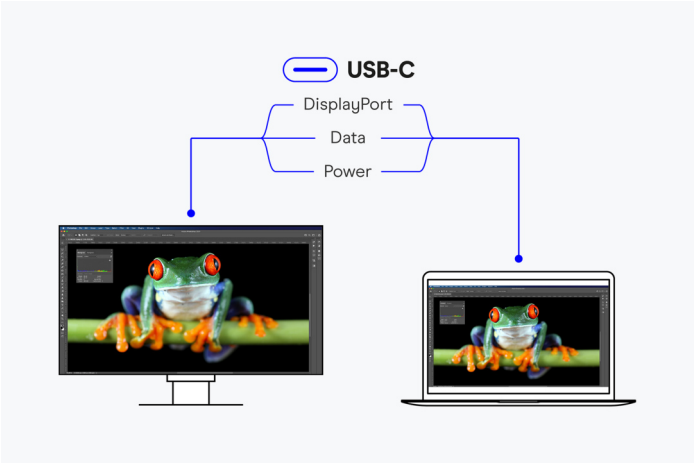
Variety of ports
Best connectivity

MODERN AND FUTURE-PROOF

USB-C: one cable for everything

Image signal, USB data transfer as well as power supply with up to 70 W, all this and more can be realised with a single USB-C cable. This makes the ColorEdge CS3200X the central dock of the graphic workflow. Peripheral devices such as a mouse, keyboard or printer can be connected directly to the USB-A ports. Mobile devices such as laptops or tablets can even be charged via the USB-C cable with up to 70 W via the USB-C cable. In this way, a laptop and CS3200X can be turned into a fully-fledged desktop workstation with a quick flick of the wrist.

Read more about USB-C in the EIZO Academy.



CONVENIENTLY CONNECTED

One monitor, many ports

The CS3200X supports a wide range of video formats via USB-C, HDMI and DisplayPort interfaces. This means that the monitor can not only be integrated into PC-based workflows but can also be used with HDMI feeders.

Learn more about the connectivity of EIZO monitors.



TWO PCS, ONE CONTROL

KVM switch

It has never been easier to operate different PCs with a single mouse and keyboard. Thanks to the USB upstream ports, the CS3200X has an integrated KVM (Keyboard Video Mouse) switch. The monitor automatically links the webcam, microphone, speakers, mouse and keyboard to the currently active source computer. This means, for example, that a desktop PC and laptop or business and private PC can each be operated on the same combination of monitor USB devices. This ensures uninterrupted working and a tidy workspace.

Discover all the advantages of the KVM switch here.

Ergonomics

Working in a relaxed manner

FOR THE SAKE OF THE EYES

Flicker free

The monitor is flicker-free at every brightness setting. This is great for users, as their eyes will not tire as quickly, allowing them to work in front of the screen for longer periods of time without fatigue.

MORE IMAGE, LESS REFLECTION

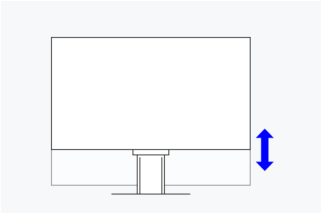
Optimal anti-glare coating

The CS3200X offers a perfect, non-glare surface. By minimising glare by diffusing the reflected light, the CS3200X effectively protects your eyes from straining. This keeps your eyes from getting as tired and allows you to sit comfortably in front of the monitor, without having to sit in a forced position to prevent glare.

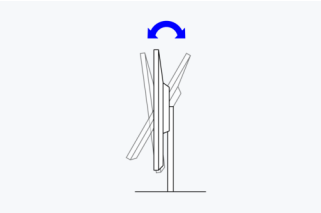
FLEXIBLE ADJUSTMENT

Ergonomic stand

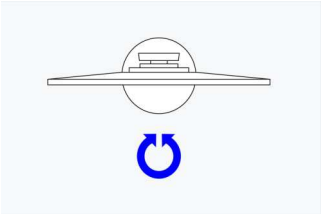
Ergonomic and stable: the adjustable stand focuses on ergonomics. You can swivel and tilt the monitor stand until you find the most comfortable setting for your back, neck and sitting posture. It features continuous height adjustment and can be lowered almost to the base plate of the stand, enabling you to position the top image line ergonomically right below your eye level.



Height
141.8 mm



Tilt
Between 5° forwards and 35° backwards



Swivel
344°

QUICK ACCESS TO POPULAR FUNCTIONS

Customised key assignment

Depending on the model, up to three sensor buttons on the front can be assigned functions from the on-screen menu. The advantage: you have direct access to frequently used features.

PROTECTION AGAINST REFLECTIONS AND GLARE

Monitor hood

The monitor hood reduces reflection and brightness on the screen and helps protect your eyes. It is easy to attach and reduces the amount of light that hits the screen from above and from the sides.



Sustainability

Environmentally and socially conscious production

DURABLE, FAIR, AND RESOURCE-EFFICIENT

Responsibility in Development, Supply Chain, and Production

The CS3200X is designed for sustainable and long-lasting use—typically well beyond the warranty period. Replacement parts remain available long after production ends, and the product's repairability helps protect the environment. During development, emphasis was placed on minimal resource use, high-quality components, and meticulous production. Because one thing is clear: durable products make a significant contribution to environmental protection.

Manufacturing is carried out in a socially responsible manner and without child or forced labor; carefully selected suppliers are committed to the same standards, particularly regarding the handling of conflict minerals.

Manufactured in our own facility, which has an ISO 14001- and ISO 50001-certified environmental and energy management system, the production process includes measures to reduce waste, emissions, and energy consumption.

We publish a detailed annual report on these measures.

FOCUS ON THE ENVIRONMENT

Sustainable packaging

For the packaging of the CS3200X, EIZO uses a padding made of moulded pulp cellulose. The material is made from recycled cardboard and paper and has a much lower environmental impact when disposed of than traditional polystyrene or plastic. All cables are stored in a cardboard compartment instead of being individually packed in plastic bags.



Eco-conscious packaging from EIZO

SUSTAINABLE DEVELOPMENT GOALS

Our Contribution to SDGs

As part of its sustainability initiatives, EIZO is contributing towards the United Nations' Sustainable Development Goals (SDGs).

Learn more about EIZO's sustainability initiatives here.

Environmentally Conscious Product Development

ColorEdge promotes the use of recycled materials and low-impact components, while maintaining the high performance demanded for creative work. The monitors are optimized for energy efficiency, contributing to lower greenhouse gas (GHG) emissions.
EIZO also collects and recycles used products to further minimize environmental impact. We strive to promote efficient and circular resource use across every stage of the product lifecycle - from parts and materials procurement to manufacturing, transportation, user experience, and end-of-life disposal.
All production sites at EIZO's headquarters in Japan operate on 100% renewable energy.

Color Precision for Creative Excellence

ColorEdge provides a high-precision color management solution for creative environments, powered by advanced display technology and consistent color control. Unified color management across the entire production workflow streamlines color communication across creative teams and studios, helping to reduce time and costs associated with rework due to color inconsistencies.

Learn more.

Warranty
Highest investment security

DURABLE THANKS TO HIGH-END QUALITY

Five-year warranty

EIZO grants a five-year warranty. This is possible thanks to the highly developed production process based on a simple principle of success: sophisticated and innovative technology, made from high-end materials.



Technical Data

GENERAL

Item no.	CS3200X
Case color	Black
Areas of application	Photography, Video & Graphics
Product line	ColorEdge
Areas of application	Photography, image editing and retouching, Video Editing, Post Production and Colour Grading, Design, creation and illustration, Printing and Fine Art Printing, Textile and fashion industry
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows
EAN	4995047071280

SCREEN

Screen size [in inches]	31,5
Screen size [in cm]	80,0
Format	16:9
Viewable image size (width x height) [in mm]	697,3 x 392,2
Ideal and recommended resolution	3840 x 2160 (4K UHD)
Pixel pitch [in mm]	0,182 x 0,182
Pixel density [in ppi]	140
Supported resolutions	3840 x 2160 (4K UHD), 2560 x 1600, 2560 x 1440, 2560 x 1440 (@ 30 Hz), 1920 x 1200, 1920 x 1080 (Full HD), 1680 x 1050, 1600 x 1200, 1280 x 1024, 1024 x 768, 800 x 600, 720 x 400, 640 x 480, 1080p (@ 60 Hz), 1080i (@ 60 Hz), 1080p (@ 50 Hz), 1080i (@ 50 Hz), 1080p (@ 30/25/24 Hz), 720p (@ 60 Hz), 720p (@ 50 Hz), 576p (@ 60 Hz), 576p (@ 50 Hz), 480i (@ 60 Hz)
Panel technology	IPS (Wide Gamut)
Max. viewing angle horizontal [in °]	178
Max. viewing angle vertical [in °]	178
Number of colors or greyscale	1.07 billion colors (USB-C, 10-bit), 1.07 billion colors (HDMI, 10 Bit), 1.07 billion colors (DisplayPort, 10 Bit)
Color palette/look-up table	278 trillion color tones / 16 Bit
Max. color space (typical)	DCI P3 (96%), AdobeRGB (99%), sRGB, Rec709 (100%), EBU (100%), SMPTE-C (100%)
Color space presets	HLG_BT.2100, Display P3, PQ_DCI-P3, DCI-P3, BT.709, sRGB, AdobeRGB
HDR Gamma	PQ, HLG
Max. brightness (typical) [in cd/m²]	350
Max. dark room contrast (typical)	1300:1
Response time grey-grey alternation (typical) [in ms]	14
Backlight	LED

FEATURES & OPERATION

USB-C docking	✓
KVM switch	✓
Hardware calibration of brightness and luminance characteristics	✓
Preset color/greyscale modes	Display P3, BT.709, HLG BT.2100, DCI-P3, PQ DCI-P3, AdobeRGB, 2x manual memory locations, sRGB, Sync Signal
Digital Uniformity Equalizer (homogeneity correction)	✓
No flickering	✓
I/P conversion	✓
HDCP Decoder	✓
Gamut Clipping	✓
Automatic signal input recognition	✓
On-screen menu languages	de, en, fr, es, it, se
Adjustment options	Color Mode, Brightness, Color temperature/White point, Gamma, Colour tone, Color saturation, Scaling, Color matrix YUV/RGB, Input Range, Skip signal input, Skip color mode, OSD language, Signal input, Key lock, DUE priority
Button Guide	✓
Integrated power unit	✓

CONNECTIONS

Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 2.3), DisplayPort (HDCP 2.3), HDMI (Deep Color, HDCP 1.4/2.3)
USB specification	USB 5Gbps (USB 3)
USB upstream ports	1 x type C (DisplayPort Alt Mode, 70 W max.), 1 x type B
USB downstream ports	4 x Typ A (2 x 5Gbps (USB 3), 2 x USB 2)
Graphic signal	USB-C, DisplayPort, HDMI (RGB, YUV)

ELECTRICAL DATA

Frequency	USB Type-C, DisplayPort: 25 - 137 kHz / 23 - 61 Hz; HDMI: 15 - 135 kHz / 23 - 61 Hz
Power consumption (typical) [in watts]	25
Maximum Power Consumption [in watts]	166 (at maximum brightness and operation of all signal and USB ports as well as full charging power)
Max. Power consumption in stand-by mode [in watts]	0.5
Power consumption with power switch off [in watts]	0
Energy efficiency class	E
Energy consumption/1000h [in kWh]	27
Power supply	AC 100-240V, 50/60Hz
Max. USB-C Power Delivery [in Watt]	70

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	712,7 x 431,5-573,3 x 245
Weight (incl. stand) [in kg]	10.6
Dimensions (without stand) (width x height x depth) [in mm]	712,7 x 420,5 x 69,3
Weight (without stand) [in kg]	7.7
Dimension drawing (PDF)	Dimension drawing (PDF)
Rotatability of the stand [in °]	344
Tiltability forwards/backwards [in °]	5 / 35
Height adjustment range [in mm]	141.8
Hole spacing	100 x 100

CERTIFICATION & STANDARDS

Certification	CE, UKCA, CB, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), RCM, cTÜVus, FCC-B, CAN ICES-3 (B), PSE, VCCI-B, RoHS, WEEE, China RoHS, CCC

SOFTWARE & ACCESSORIES

Accompanying software and other accessories are available for download	ColorNavigator, ColorNavigator Network, Quick Color Match
Other box contents	Signal cable HDMI - HDMI, USB/signal cable (USB-C - USB-C), USB cable (Type A - Type B), Power cord, Calibration report, Manual via download, Quick guide
Accessories	EX5 (External calibration sensor for ColorEdge monitors in conjunction with the ColorNavigator 7 color management software.), CC100 (USB-C port cable), PP100-K (DisplayPort cable), PP200-K (DisplayPort cable)
Light protection cover	✓

WARRANTY

Warranty periode	5 years for unit and LCD module up to 30,000 operating hours, whichever comes first.
Included warranty	Zero pixel defects guarantee; no fully illuminated sub-pixels (sub-pixels ISO 9241-307) for six months from date of purchase.

Experience the CS3200X in AR now!

Find your EIZO contact:
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Phone: +49 2161 8210-0
www.eizo.eu

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