

User's Manual - Setup Guide

FlexScan® EV3451X

Color LCD Monitor

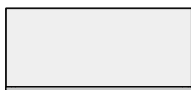
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Important

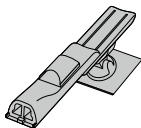
Please read PRECAUTIONS, this Setup Guide and the User's Manual carefully to familiarize yourself with safe and effective usage. Please retain this guide for future reference.

Setup Procedure

1



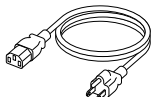
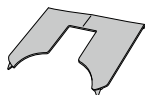
*1



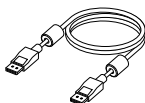
*2



*2



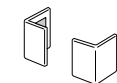
CC150SS81G-5A/ CC150SS81GW-5A
(USB-C® - USB-C)



PP200
(DisplayPort™ - DisplayPort)



UU200SS
(USB-A - USB-B)



Edge Support^{*3}

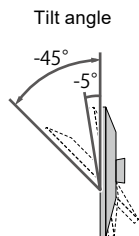
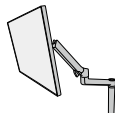
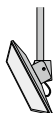
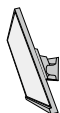
*1 Instructions for attaching the stand are provided in the separate "Assembly Instructions."

*2 Not included if you purchased the free mount type monitor.

*3 Included only with the free mount type monitor.

5° - 45° DOWNWARD INSTALLATION

No warranty if used without edge support.

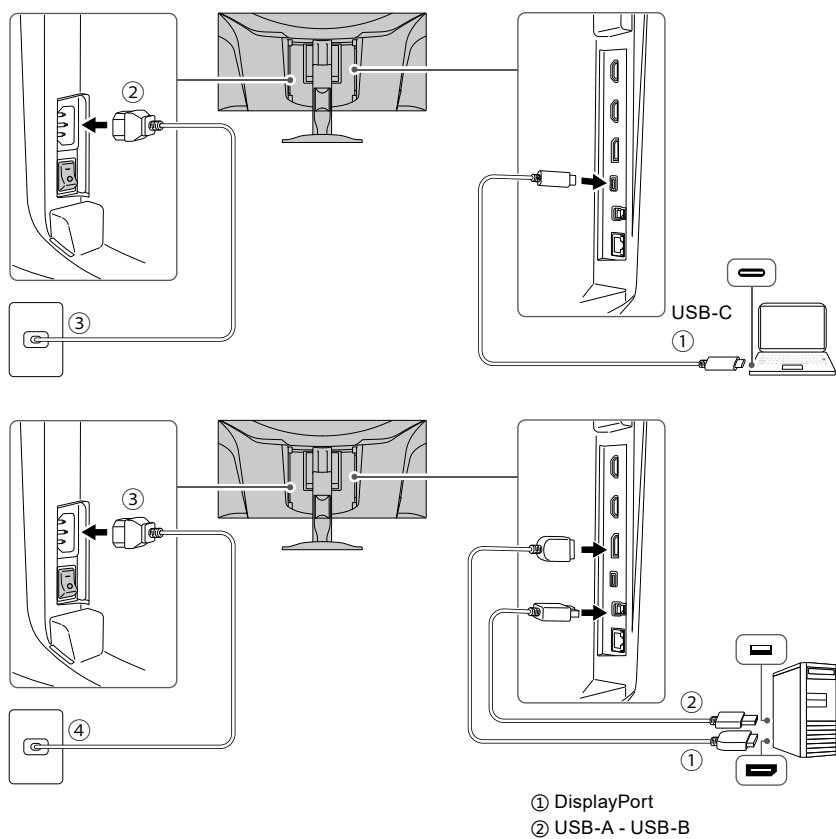


Install edge support

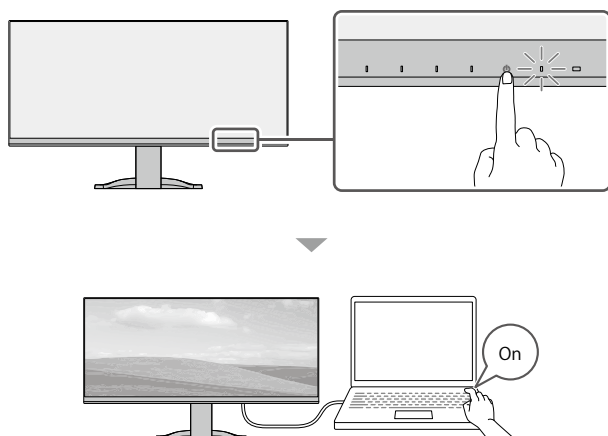
Screw: M4, Length 9.8 - 14.3 mm (add washer thickness)

Refer to our web site :www.eizoglobal.com/contact/

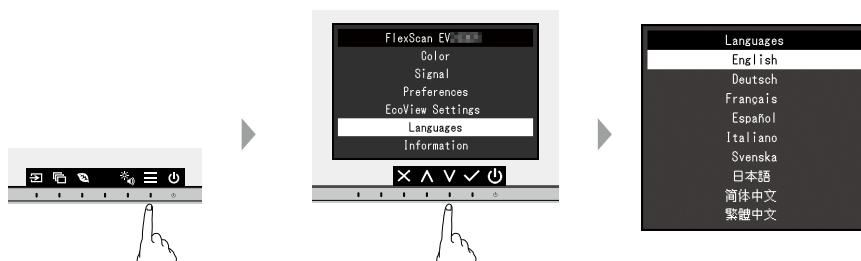
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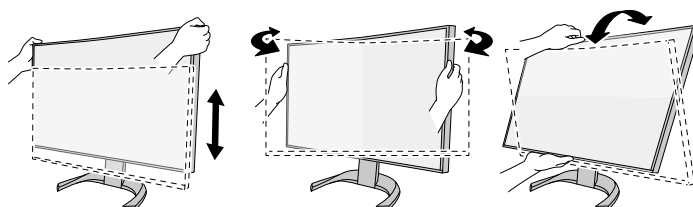
3



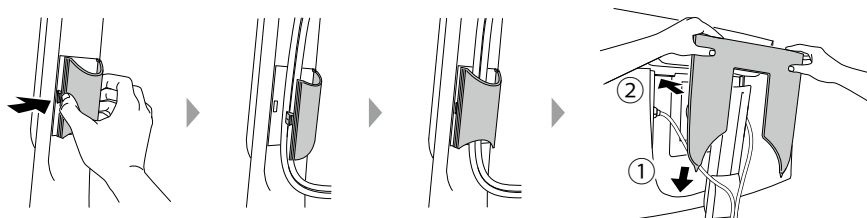
4



5



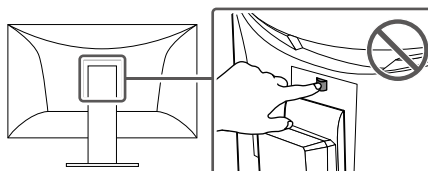
6



7 The "User's Manual", refer to our web site :www.eizoglobal.com



CAUTION



The lock button is only used to remove the stand from the monitor.

Safety Information

English

- ⚠ RISK OF ELECTRIC SHOCK. DO NOT OPEN.
- ⚠ The equipment must be connected to a grounded main outlet.

Deutsch

- ⚠ GEFAHR DES ELEKTRISCHEN SCHLAGES. RÜCKWAND NICHT ENTFERNEN.
- ⚠ Das Gerät muss mit einer ordnungsgemäß geerdeten Steckdose verbunden werden.

Français

- ⚠ RISQUE DE CHOC ELECTRIQUE. NE PAS OUVRIR.
- ⚠ L'équipement doit être branché à une prise électrique raccordée à la terre.

Español

- ⚠ RIESGO DE DESCARGA ELÉCTRICA. NO ABRAS.
- ⚠ El equipo debe conectarse a una toma de corriente con toma de tierra.

Italiano

- ⚠ RISCHIO DI FOLGORAZIONE. NON APRIRE.
- ⚠ L'apparecchio deve essere collegato a una presa munita di collegamento a terra.

Svenska

- ⚠ RISK FÖR ELSTÖTAR. ÖPPNA INTE.
- ⚠ Utströmmingen måste vara ansluten till ett jordat uttag.

Ελληνικά

- ⚠ ΚΙΝΔΥΝΟΣ ΗΛΕΚΤΡΟΠΛΗΞΙΑΣ. ΝΑ ΜΗΝ ΑΝΟΙΧΘΕΙ.
- ⚠ Ο εξοπλισμός πρέπει να συνδέεται σε γειωμένη πρίζα.

Русский

- ⚠ ОПАСНОСТЬ ПОРАЖЕНИЯ ЭЛЕКТРИЧЕСКИМ ТОКОМ. НЕ ОТКРЫВАТЬ.
- ⚠ Оборудование должно быть подключено к заземленной штепсельной розетке питающей сети.

Nederlands

- ⚠ RISICO OP EEN ELEKTRISCHE SCHOK. NIET OPENEN.
- ⚠ Het apparaat moet aangesloten worden op een geaard stopcontact.

Português

- ⚠ RISCO DE CHOQUE ELÉTRICO. NÃO ABRA.
- ⚠ O equipamento deve ser conectado a uma tomada de rede elétrica aterrada.

Dansk

- ⚠ RISIKO FOR ELEKTRISK STØD. MÅ IKKE ÅBNES.
- ⚠ Udstyret skal sluttes til en stikkontakt med jord.

Suomi

- ⚠ SÄHKÖISKUN VAARA. EI SAA AVATA.
- ⚠ Laitteisto on liitettävä maadoitettuun pistorasiaan.

Język polski

- ⚠ RYZYKO PORAZENIA PRĄDEM ELEKTRYCZNYM. NIE OTWIERAĆ.
- ⚠ Urządzenie musi być podłączone do uzziemionego gniazda zasilania.

Český jazyk

- ⚠ NEBEZPEČÍ ÚRAZU ELEKTRICKÝM PROUDEM. NEOTEVÍREJTE.
- ⚠ Přístroj musí být připojen k uzemněné napájecí zásuvce.

Eestlane

- ⚠ ELEKTRILÕÕGI OHT. ÄRGE AVAGE.
- ⚠ Seade peab olema ühendatud maandusega pistikupessa.

Magyar

- ⚠ ÁRAMÜTÉS VESZÉLYE. NE NYISSA KI.
- ⚠ A berendezést csak földelt hálózati aljzathoz csatlakoztassa.

Slovenščina

- ⚠ NEVARNOST ELEKTRIČNEGA UDARA. NE ODPIRAJTE.
- ⚠ Oprema mora biti priključena na ozemljeno omrežno vtičnico.

Slovenský

- ⚠ RIZIKO ÚRAZU ELEKTRICKÝM PRÚDOM. NEOTVÁRAJTE.
- ⚠ Výrobok sa musí pripojiť do uzemnenej elektrickej zásuvky.

Latvietis

- ⚠ ELEKTRISKĀS STRĀVAS TRIECIENA RISKS. NEATVĒRT.
- ⚠ Aprīkojumam jābūt savienotam ar iezemētu strāvas kontaktligzdu.

Lietuvis

- ⚠ ELEKTROS SMŪGIO PAVOJUS. NEATIDARYKITE.
- ⚠ Įrenginį reikia jungti į įžemintą maitinimo lizdą.

Българские

- ⚠ РИСК ОТ ТОКОВ УДАР. НЕ ОТВАРЯЙТЕ.
- ⚠ Оборудването трябва да бъде свързано към заземен контакт.

Română

- ⚠ PERICOL DE ELECTROCUTARE. NU DESCHIDEȚI.
- ⚠ Echipamentul trebuie conectat la o priză împământată.

Türk

⚠ELEKTRİK ÇARPMASI RİSKİ. AÇMAYIN.

⚠Ekipman, topraklı bir prize bağlanmalıdır.

Norsk

⚠FARE FOR ELEKTRISK STØT. IKKE ÅPNE.

⚠Utstyret må kobles til et jordet strømuttak.

hrvatski

⚠OPASNOST OD STRUJNOG UDARA. NE OTVARAJTE.

⚠Oprema mora biti spojena na uzemljenu mrežnu utičnicu.

عربي

⚠.جھٹ فٹالاب موقت ال.ةئئابرهكلا ؤمءصلا رطخ

⚠.ءورؤوم يساسأ رايت ؤءامب زاءءلا لئسوت بءي

Contact Addresses

For Europe Only.

Please contact the EIZO group company or distributor in your country with any inquiries about purchasing or technical support. Visit the EIZO website for further contact information: www.eizoglobal.com

Manufacturer's Contact Addresses in Europe

Company	Address
EIZO AG	Moosacherstrasse 6, Au CH - 8820 Wädenswil, Switzerland
EIZO Austria GmbH	Pfarrgasse 87 1230, Vienna, Austria
EIZO Europe GmbH	Belgrader Straße 2, 41069 Mönchengladbach, Germany
EIZO Europe GmbH Belgian Branch	Antwerpsesteenweg 22, 2860 Mechelen (Sint-Katelijne-Waver), Belgium
EIZO Europe GmbH Czech Branch	Meteor Centre Office Park "B", Sokolovska 100/94, CZ-186 00 Praha-8, Karlin, Czech Republic
EIZO Europe GmbH Netherlands Branch	Dr. Holtropaan 34-36, 5652 XR Eindhoven, The Netherlands
EIZO Europe GmbH Succursale per l'Italia	Via Torino 3/5 20814 Varedo (MB), Italy
EIZO Limited	1 Queens Square, Ascot Business Park, Lyndhurst Road, Ascot, Berkshire SL5 9FE, UK
EIZO Nordic AB	Lövångsvägen 14 SE-194 45 Upplands Väsby, Sweden
ALSTOR ZOO	ul. Wenecka 12, 03-244 Warszawa, Poland
Aryan Comunicaciones, s.a.	Avda. De La Industria 4 Natea Bussines Park 2B (Planta 3) ES-28108 Alcobendas, Spain
Feeder S.A.S	564 Avenue des Rosiers, Le Parc des restanques II, Bat 3A, 13600 La Ciotat, France
K&D Computer Systems Ltd	82 Ayias, Phylaxeos Street, P.O. Box 55024 3820 Limassol, Cyprus
Odak Kimya Endüstri Ürünleri San.Tic.Ltd Şti.	Esentepe Mah. Cevizli D-100 Güney Yanyol Cad. Kartal Vizyon Sitesi D Blok No:13 İç Kapı No: 26 KARTAL -İSTANBUL
i-Micro Corporation Ltd	6, Militou street, 146 71, Nea Erythrea, Athens, Greece

Importer Addresses in Europe

Company	Address
EIZO AG	Moosacherstrasse 6, Au CH - 8820 Wädenswil, Switzerland
EIZO Europe GmbH	Belgrader Straße 2, 41069 Mönchengladbach, Germany
EIZO Limited	1 Queens Square, Ascot Business Park, Lyndhurst Road, Ascot, Berkshire SL5 9FE, UK
EIZO Nordic AB	Lövångsvägen 14 SE-194 45 Upplands Väsby, Sweden
ALSTOR ZOO	ul. Wenecka 12, 03-244 Warszawa, Poland
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Odak Kimya Endüstri Ürünleri San.Tic.Ltd Şti.	Cevizli Mah. Zuhul Cad. Dumankaya Ritim İstanbul 60 Parsel Kat:13 Daire: 131-132 Maltepe-İstanbul Turkey
i-Micro Corporation Ltd	6, Militou street, 146 71, Nea Erythrea, Athens, Greece

LIMITED WARRANTY

EIZO Corporation (hereinafter referred to as "**EIZO**") and distributors authorized by EIZO (hereinafter referred to as the "**Distributors**") warrant, subject to and in accordance with the terms of this limited warranty (hereinafter referred to as the "**Warranty**"), to the original purchaser (hereinafter referred to as the "**Original Purchaser**") who purchased the product specified in this document (hereinafter referred to as the "**Product**") from EIZO or Distributors, that EIZO and Distributors shall, at their sole discretion, either repair or replace the Product at no charge if the Original Purchaser becomes aware within the Warranty Period (defined below) that the Product malfunctions or is damaged in the course of normal use of the Product in accordance with the description in the instruction manual of the Product (hereinafter referred to as the "**User's Manual**").

The period of this Warranty is seven (7) years from the date of purchase of the Product or 30,000 hours of usage time, whichever comes earlier (hereinafter referred to as the "**Warranty Period**"). EIZO and Distributors shall bear no liability or obligation with regard to the Product in relation to the Original Purchaser or any third parties other than as provided under this Warranty.

EIZO and Distributors will cease to hold or store any parts (excluding design parts) of the Product upon expiration of seven (7) years after the production of the Product is discontinued. In repairing the Product, EIZO and Distributors will use renewal parts which comply with our QC standards. If the unit cannot be repaired due to its condition or the stockout of a relevant part, EIZO and Distributors may offer the replacement by a product with equivalent performance instead of repairing it.

The Warranty is valid only in the countries or territories where the Distributors are located. The Warranty does not restrict any legal rights of the Original Purchaser.

Notwithstanding any other provision of this Warranty, EIZO and Distributors shall have no obligation under this Warranty whatsoever in any of the cases as set forth below:

- (a) Any defect of the Product caused by freight damage, modification, alteration, abuse, misuse, accident, incorrect installation, disaster, adherent dust, faulty maintenance and/or improper repair by third party other than EIZO and Distributors;
- (b) Any incompatibility of the Product due to possible technical innovations and/or regulations;
- (c) Any deterioration of the sensor, including measurement value of the sensor;
- (d) Any defect of the Product caused by external equipments;
- (e) Any defect of the Product caused by the use under environmental conditions not anticipated by EIZO;
- (f) Any deterioration of the attachments of the Product (e.g. cables, User's Manual, CD-ROM, etc.);
- (g) Any deterioration of the consumables, and/or accessories of the Product (e.g. batteries, remote controller, touch pen, etc.);
- (h) Any exterior deterioration or discoloration of the Product, including that of the surface of the LCD panel, the touch panel and the protect panel;
- (i) Any defect of the Product caused by placement in a location where it may be affected by strong vibrations or shocks;
- (j) Any defect of the Product caused by leaking battery liquid;
- (k) Any deterioration of display performance caused by the deterioration of expendable parts such as the LCD panel and/or backlight, etc. (e.g. changes in brightness, changes in brightness uniformity, changes in color, changes in color uniformity, defects in pixels including burnt pixels, etc.);
- (l) Any deterioration or malfunction of the cooling fan caused by adherent dust.

To obtain service under the Warranty, the Original Purchaser must deliver the Product, freight prepaid, in its original package or other adequate package affording an equal degree of protection, assuming the risk of damage and/or loss in transit, to the local Distributor. The Original Purchaser must present proof of purchase of the Product and the date of such purchase when requesting services under the Warranty.

The Warranty Period for any replaced and/or repaired product under this Warranty shall expire at the end of the original Warranty Period.

EIZO OR DISTRIBUTORS ARE NOT RESPONSIBLE FOR ANY DAMAGE TO, OR LOSS OF, DATA OR OTHER INFORMATION STORED IN ANY MEDIA OR ANY PART OF ANY PRODUCT RETURNED TO EIZO OR DISTRIBUTORS FOR REPAIR.

EIZO AND DISTRIBUTORS MAKE NO FURTHER WARRANTIES, EXPRESSED OR IMPLIED, WITH RESPECT TO, INCLUDING, WITHOUT LIMITATION, THE PRODUCT AND ITS QUALITY, PERFORMANCE, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE.

IN NO EVENT SHALL EIZO OR DISTRIBUTORS BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGE WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFIT, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, OR ANY OTHER PECUNIARY LOSS) ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT OR IN ANY CONNECTION WITH THE PRODUCT, WHETHER BASED ON CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, EVEN IF EIZO OR DISTRIBUTORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

THIS EXCLUSION ALSO INCLUDES ANY LIABILITY WHICH MAY ARISE OUT OF THIRD PARTY CLAIMS AGAINST THE ORIGINAL PURCHASER. THE ESSENCE OF THIS PROVISION IS TO LIMIT THE POTENTIAL LIABILITY OF EIZO AND DISTRIBUTORS ARISING OUT OF THIS LIMITED WARRANTY AND/OR SALES.

Regulatory Compliance Notice

Hinweise zur Auswahl des richtigen Schwenkarms für Ihren Monitor

Dieser Monitor ist für Bildschirmarbeitsplätze vorgesehen. Wenn nicht der zum Standardzubehör gehörige Schwenkarm verwendet wird, muss statt dessen ein geeigneter anderer Schwenkarm installiert werden. Bei der Auswahl des Schwenkarms sind die nachstehenden Hinweise zu berücksichtigen:

Der Standfuß muß den nachfolgenden Anforderungen entsprechen:

- a) Der Standfuß muß eine ausreichende mechanische Stabilität zur Aufnahme des Gewichtes vom Bildschirmgerät und des spezifizierten Zubehörs besitzen. Das Gewicht des Bildschirmgerätes und des Zubehörs sind in der zugehörigen Bedienungsanleitung angegeben.
- b) Die Befestigung des Standfusses muß derart erfolgen, daß die oberste Zeile der Bildschirmanzeige nicht höher als die Augenhöhe eines Benutzers in sitzender Position ist.
- c) Im Fall eines stehenden Benutzers muß die Befestigung des Bildschirmgerätes derart erfolgen, daß die Höhe der Bildschirmmitte über dem Boden zwischen 135 – 150 cm beträgt.
- d) Der Standfuß muß die Möglichkeit zur Neigung des Bildschirmgerätes besitzen (max. vorwärts: 5°, min. nach hinten $\geq 5^\circ$).
- e) Der Standfuß muß die Möglichkeit zur Drehung des Bildschirmgerätes besitzen (max. $\pm 180^\circ$). Der maximale Kraftaufwand dafür muß weniger als 100 N betragen.
- f) Der Standfuß muß in der Stellung verharren, in die er manuell bewegt wurde.
- g) Der Glanzgrad des Standfusses muß weniger als 20 Glanzeinheiten betragen (seidenmatt).
- h) Der Standfuß mit Bildschirmgerät muß bei einer Neigung von bis zu 10° aus der normalen aufrechten Position kippstabil sein.

Hinweis zur Ergonomie

Dieser Monitor erfüllt die Anforderungen an die Ergonomie nach EK1-ITB2000 mit dem Videosignal, 3440 × 1440, Digitaleingang und mindestens 60,0 Hz Bildwiederholfrequenz, Non-Interlaced. Weiterhin wird aus ergonomischen Gründen empfohlen, die Grundfarbe Blau nicht auf dunklem Untergrund zu verwenden (schlechte Erkennbarkeit, Augenbelastung bei zu geringem Zeichenkontrast.)

Übermäßiger Schalldruck von Ohrhörern bzw. Kopfhörern kann einen Hörverlust bewirken.

Eine Einstellung des Equalizers auf Maximalwerte erhöht die Ausgangsspannung am Ohrhörer- bzw.

Kopfhörerausgang und damit auch den Schalldruckpegel.

„Maschinenlärminformations-Verordnung 3. GPSGV:

Der höchste Schalldruckpegel beträgt 70 dB(A) oder weniger gemäß EN ISO 7779“

[Begrenzung des maximalen Schalldruckpegels am Ohr]

Bildschirmgeräte: Größte Ausgangsspannung 150 mV

Information for Radio Interference

Regarding the FCC Supplier's Declaration of Conformity and Canadian notice based on ICES-003, please refer to the User's Manual. Compliance labeling on the product can be found in the "Information" menu of the product. For further details, refer to the User's Manual.

Informations sur les Interférences Radioélectriques

À propos de la Déclaration de conformité du fournisseur FCC et de la notification canadienne fondée sur le règlement ICES-003, reportez-vous au manuel d'utilisation. L'étiquetage de conformité relatif au produit lui-même se trouve dans le menu « Informations » du produit. Pour obtenir plus d'informations, reportez-vous au manuel d'utilisation.

ENERGY STAR®

As an ENERGY STAR Partner, EIZO Corporation has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

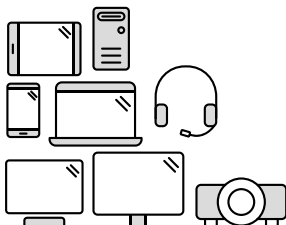
Power consumption may increase depending on product settings and connection conditions.



TCO Certified

This product carries the TCO Certified designation (EcoView Optimizer 2: Off). TCO Certified is the leading independent sustainability certification for IT products.

A third-party certification according to ISO 14024



Toward sustainable IT products

Say hello to a more sustainable product

IT products are associated with a wide range of sustainability risks throughout their life cycle. Human rights violations are common in the factories. Harmful substances are used both in products and their manufacture. Products can often have a short lifespan because of poor ergonomics, low quality and when they are not able to be repaired or upgraded.

This product is a better choice. It meets all the criteria in TCO Certified, the world's most comprehensive sustainability certification for IT products. Thank you for making a responsible product choice, that help drive progress towards a more sustainable future!

Criteria in TCO Certified have a life-cycle perspective and balance environmental and social responsibility. Conformity is verified by independent and approved verifiers that specialize in IT products, social responsibility or other sustainability issues. Verification is done both before and after the certificate is issued, covering the entire validity period. The process also includes ensuring that corrective actions are implemented in all cases of factory non-conformities. And last but not least, to make sure that the certification and independent verification is accurate, both TCO Certified and the verifiers are reviewed regularly.

Want to know more?

Read information about TCO Certified, full criteria documents, news and updates at tcocertified.com. On the website you'll also find our Product Finder, which presents a complete, searchable listing of certified products.

Commission Regulation (EU) 2019 / 2021

This product complies with this regulation (input signal : DisplayPort).

Power consumption may increase depending on the product settings and connection status.

Informationen zum Thema Recycling

Das Symbol der durchgestrichenen Abfalltonne auf Rädern weist darauf hin, dass das Produkt nicht als unsortierter Müll entsorgt werden darf, sondern zwecks Rückgewinnung und Recycling separaten Sammelstellen zugeführt werden muss. Für Hinweise zur ordnungsgemäßen Entsorgung und zu geeigneten Sammelsystemen für das Produkt einschließlich der Kabel wenden Sie sich bitte an einen Verteiler oder eine Tochtergesellschaft in Ihrem Land.

Die Adressen zur Kontaktaufnahme sind auf der unten angegebenen Website von EIZO aufgeführt. www.eizoglobal.com



Kunden in der Schweiz entnehmen Informationen zum Recycling der folgenden Website: www.swico.ch

Product Information

COMMISSION DELEGATED REGULATION (EU) 2019/2013 with regard to energy labelling of electronic displays

	Parameter	Parameter or value and precision	Unit
1.	Supplier's name or trademark	EIZO	
	Supplier's address	EIZO Europe GmbH, Belgrader Straße 2, 41069 Mönchengladbach, Germany	
2.	Model identifier	FlexScan EV3451X	
3.	Energy efficiency class for Standard Dynamic Range (SDR)	C	
4.	On mode power demand in SDR	15.9	W
5.	Energy efficiency class for High Dynamic Range (HDR)	n.a.	
6.	On mode power demand in HDR, if implemented	n.a.	W
7.	Off mode, power demand, if applicable	0.2	W
8.	Standby mode power demand, if applicable	0.3	W
9.	Networked standby mode power demand, if applicable	n.a.	W
10.	Electronic display category	Monitor	
11.	Size ratio	21:9	
12.	Screen resolution	3440 x 1440	pixels
13.	Screen diagonal	86.7	cm
14.	Screen diagonal	34	inches
15.	Visible screen area	26.8	dm ²
16.	Panel technology used	LCD	
17.	Automatic Brightness Control (ABC) available	No	
18.	Voice recognition sensor available	No	
19.	Room presence sensor available	No	
20.	Image refresh frequency rate (default)	60	Hz
21.	Minimum guaranteed availability of software and firmware updates (from the date of end of the placement on the market)	7	Years
22.	Minimum guaranteed availability of spare parts (from the date of end of the placement on the market)	7	Years
23.	Minimum guaranteed product support	7	Years
	Minimum duration of the general guarantee offered by the supplier	7	Years
24.	Power supply type	Internal	
25.	External power supply (non standardized and included in the product box)		
	<i>i</i>	-	
	<i>ii</i>	Input voltage	V
	<i>iii</i>	Output voltage	V
26.	External standardised suitable power supply (if not included in the product box)		
	<i>i</i>	-	
	<i>ii</i>	Required output voltage	V
	<i>iii</i>	Required delivered current (minimum)	A
	<i>iv</i>	Required current frequency	Hz

