



OWNER'S MANUAL

Flat Panel Digital X-ray Detector

Please read this manual carefully before operating your set and retain it for future reference.

14HK701G-W

FCC ID : BEJ14HK701G

IC : 2703H-14HK701G



CE0123

Printed in Korea

www.lg.com

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Please note that this information is for proper use and safety of the equipment. The following symbols may indicate a hazardous situation in which, if not needed, may result in serious injury or even death to the user or others, or damage to the equipment.

| | |
|---|---|
|  WARNING | Indicates warning and safety instructions. If not adhered to, it could result in death or serious injury to the user or others. |
|  CAUTION | Indicates a hazardous situation which, if not heeded, may result in minor or moderate injury to the user or others, or damage to the equipment. |

For users in the United States

- United State federal law restricts this equipment to be used by or on the order of a physician.
- Since the X-ray exposure condition can be changed depending on the age, gender and bone density of the patient, in case of Pediatric, X-ray exposure condition can be changed by expert's judge. For further information, please refer to FDA Pediatric X-ray Imaging webpage. <http://www.fda.gov/radiation-emittingproducts/radiationemittingproductsandprocedures/medicalimaging/ucm298899.htm>

For users in other countries

- This equipment is to be used by or on the order of a licensed person under the related laws for each country.



- To avoid the risk of electric shock, this equipment must only be connected to a supply mains with protective earth.
- Do not modify this equipment without authorization of the manufacturer.

Intended use

- The Flat Panel Digital X-ray Detector is indicated for digital imaging solution designed for general radiographic system for human anatomy. It is intended to replace film or screen based radiographic systems in all general purpose diagnostic procedures. Not to be used for mammography.

| Target Population |
|---|
| <ul style="list-style-type: none"> • No limitation |
| Target Disease and Target Area |
| <ul style="list-style-type: none"> • Bone fractures and breaks • Scoliosis (abnormal curvature of the spine) • Non-cancerous and cancerous bone tumors • Lung problems, such as pneumonia and lung cancer • Heart problems, such as heart failure • Breast cancer |



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SAFETY PRECAUTION

Please read these safety precautions carefully before using the product.

WARNING

- Do not leave any material that may cause fire in the vicinity of the detector.
- Please clean foreign material using dry cloth.
- Using any adapter or cable other than those provided with the product may result in malfunction.
- Unauthorized disassembly or reassembly of the product may result in electric shock or malfunction of the product.
- Be careful when handling the detector. Do not drop or knock the product.
- If the product emits smoke or strange odors during use, turn off the power immediately and remove the plug.
- For your safety, when cleaning the detector, turn off the detector and unplug the power cable.
- If the product is defective, do not attempt to repair it yourself. Instead, contact the Supplier
- Always use the detector on a flat surface to prevent bending or damage.
- Make sure that the connecting parts of the detector are out of reach of patients.
- Do not apply excessive weight to the detector.
 - The detector may be damaged if the entire surface of the detector is subjected to a weight of 150 kg or more.
 - The detector may be damaged if the center of the detector is subjected to a weight of 100 kg or more.

CAUTION

- Always use the detector in places that meet the following environmental requirements.

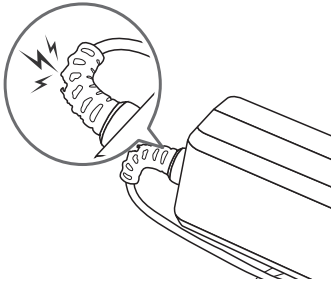
| Item | Min. | Typ | Max | Units |
|-------------------------|------|-----|-----|---------------------------------------|
| Temperature (Storage) | -20 | | 60 | °C |
| Temperature (Operation) | 10 | | 35 | °C |
| Humidity (Storage) | 0 | | 90 | % , Non-condensing, Relative Humidity |
| Humidity (Operation) | 0 | | 80 | |
| Pressure (Storage) | 50 | | 106 | kPa |
| Pressure (Operation) | 70 | | 106 | kPa |

- Do not use the detector in the following places:
 - Places that are damp or in direct sunlight
 - Dusty places
 - Hot and humid places
 - Frozen places
 - Unstable places, such as those subject to severe vibrations or noise
 - Places with devices that generate a strong magnetic field
 - Any other place that may compromise the lifespan or performance of the detector
- Do not spray detergents, etc. onto the detector. Always wear gloves when cleaning the detector

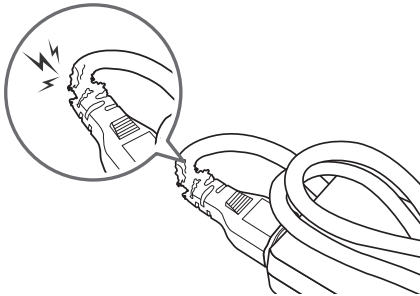
Precautions for Using the AC adapter

Do not use the AC adapter when it is in an excessively bent position.

If the AC adapter cable is used for long periods while bent, it could cause internal wiring to become severed and cause electrical shocks or start a fire.



Integrated Adapter



Detachable Adapter

Precautions for Using the Battery

This product can be battery-powered. When you are using this product for the first time after purchase, install batteries in the product and plug it into power to charge the batteries.

- The battery is a consumable component. Its usable capacity reduces gradually over long-term use.
- For battery replacement, please make sure to contact the designated manufacturer.
- Please refer to the manual for instructions on how to remove and replace the battery.
- Always use batteries approved and certified by manufacturer.
 - Failure to do so may cause a fire or explosion.
- Do not store the product in an enclosed space (bags, etc.) with the power on repeatedly or for long periods.
 - Overheated batteries may cause fire.
- Do not expose the product to flames.
 - This may result in explosion or fire.
- Keep the product away from metallic objects, such as car keys and paper clips, when storing or moving.
 - Excess current may cause a rapid temperature increase, resulting in fire or burns.
- Contact the manufacturer if the battery leaks or emits an odor.
 - Otherwise, it may cause explosion or fire.
- Do not recharge the product using a power supply or circuit other than the one supplied with the product.
 - This may damage the battery or cause a fire

SAFETY INFORMATION

Safety Standard

Medical Device Classification

| | |
|--|---|
| Classification by protection type against Electric Shock | Class I equipment |
| Classification according to the degree of protection against ingress of water or particulate matter | IP41 (Rating for when the main cable is not attached) |
| Mode of operation | Continuous Operation |
| Environment of Use | This equipment is not suitable for use in the presence of flammable anesthetic or oxygen. |
| Applied Part | Type : BF Type, Location : Front of Detector (only for effective area) |

! NOTE

- Additional equipment connected to medical electrical equipment must comply with the respective IEC or ISO standards (e.g. IEC 60950-1 for data processing equipment).
- Furthermore all configurations shall comply with the requirements for medical electrical systems (see clause 16 of the 3.1Ed. of IEC 60601-1, respectively).
- Anybody connecting additional equipment to medical electrical equipment configures a medical system and is therefore responsible that the system complies with the requirements for medical electrical systems.
- Attention is drawn to the fact that local laws take priority over the above mentioned requirements.
- If in doubt, consult manufacturer.

Regulations

Safety and Electromagnetic Compatibility Information

This equipment has been tested and found to comply with the limits for medical devices in IEC 60601-1-2. These limits are designed to provide reasonable protection against harmful interference in a typical medical installation.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device comply with RF exposure requirements.

Canadian Compliance

This radio transmitter has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p) is not more than that necessary for successful communication.

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent émetteur radio a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne.

Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This device is restricted to indoor use only within the 5.15~5.35GHz.

This device comply with RF exposure requirements.

Cet appareil est limité à une utilisation en intérieur uniquement dans les limites de 5.15 ~ 5.35 GHz.

Cet appareil est conforme aux exigences d'exposition RF.

This device can be operated in at least one Member State without infringing applicable requirements in the use of radio spectrum.

This device is compliant with the RED article 10.10 requirement because the information is available on the package. (This device is restricted to indoor use only within the 5.15~5.35GHz.)

Electro-Magnetic Compatibility Information

Electro-Magnetic Emissions

This EUT is intended for use in the electromagnetic environment specified below.

The customer or the user of the EUT should assure that it is used in such an environment.

| Immunity Test | Compliance | Electromagnetic Environment – Guidance |
|---|------------|--|
| RF Emissions CISPR 11 | Group 1 | The EUT uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment. |
| RF Emissions CISPR 11 | Class A | The EUT is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes. |
| Harmonic emissions IEC 61000-3-2 | A | |
| Voltage fluctuations/ Flicker emissions IEC 61000-3-3 | Complies | |


Electro-Magnetic Immunity

This EUT is intended for use in the electromagnetic environment specified below. The customer or the user of the EUT should assure that it is used in such an environment.

| Immunity Test | IEC 60601-1-2 Test Level | Compliance Level | Electromagnetic Environment – Guidance |
|---|---|---|--|
| Electrostatic discharge (ESD) IEC 61000-4-2 | ± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air | ± 8 kV contact ± 15 kV air | Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%. |
| Electrical fast transient/burst IEC 61000-4-4 | ± 2 kV 100 kHz repetition frequency | ± 2 kV 100 kHz repetition frequency | Mains power quality should be that of a typical commercial or hospital environment. |
| Surge Line-to-line IEC 61000-4-5 | ± 0,5 kV, ± 1 kV | ± 1 kV | Mains power quality should be that of a typical commercial or hospital environment. |
| Surge Line-to-ground IEC 61000-4-5 | ± 0,5 kV, ± 1 kV, ± 2 kV | ± 2 kV | |
| Voltage dips IEC 61000-4-11 | 0 % UT; 0,5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° | 0 % UT; 0,5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315° | Mains power quality should be that of a typical commercial or hospital environment. If the user of the EUT image intensifier requires continued operation during power mains interruptions, it is recommended that the EUT image intensifier be powered from an uninterruptible power supply or a battery. |
| | 0 % UT; 1 cycle and 70 % UT; 25/30 cycles Single phase: at 0° | 0 % UT; 1 cycle and 70 % UT; 25/30 cycles Single phase: at 0° | |
| Voltage interruptions IEC 61000-4-11 | 0 % UT; 250/300 cycle | 0 % UT; 250/300 cycle | |
| RATED power frequency magnetic fields (50/60Hz) IEC 61000-4-8 | 30 A/m | 30 A/m | Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment. |

! NOTE

- UT is THE A.C mains voltage prior to application of the test level.

| Immunity Test | IEC 60601-1-2 Test Level | Compliance Level | Electromagnetic Environment – Guidance |
|---|--|--|--|
| Conducted disturbances induced by RF fields IEC 61000-4-6 | 3 V 0,15 MHz – 80 MHz 6 V in ISM bands between 0,15 MHz and 80 MHz 80 % AM at 1 kHz | 3 V 0,15 MHz – 80 MHz 6 V in ISM bands between 0,15 MHz and 80 MHz 80 % AM at 1 kHz | <p>Portable and mobile RF communications equipment should be used no closer to any part of the EUT, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance:</p> $d = \left[\frac{3,5}{V_1} \right] \sqrt{P}$ $d = \left[\frac{3,5}{E_1} \right] \sqrt{P} \quad 80 \text{ MHz to } 800 \text{ MHz}$ $d = \left[\frac{7}{E_1} \right] \sqrt{P} \quad 800 \text{ MHz to } 2,7 \text{ GHz}$ <p>Where P is the maximum output power rating of the transmitter in watts(W) according to the transmitter manufacturer and d is the recommended separation distance in meters(M).</p> <p>Field strengths from fixed RF transmitters as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range.</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol:</p>  |
| Radiated RF EM fields IEC 61000-4-3 | 3 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz | 3 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz | |

! NOTE

- At 80 MHz and 800 MHz, the higher frequency range applies.
 - These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.
- 1 Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the EUT is used exceeds the applicable RF compliance level above, the EUT should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the EUT.
 - 2 Over the frequency range 150 KHz to 80 MHz, field strengths should be less than [V1] V/m.










Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment











| Test frequency (MHz) | Band ^{a)} (MHz) | Service ^{a)} | Modulation ^{b)} | Maximum power (W) | Distance (m) | IMMUNITY TEST LEVEL (V/m) |
|----------------------|--------------------------|--|---|-------------------|--------------|---------------------------|
| 385 | 380 – 390 | TETRA 400 | Pulse modulation ^{b)} 18 Hz | 1,8 | 0,3 | 27 |
| 450 | 430 – 470 | GMR5 460, FRS 460 | FM ^{c)} ± 5 kHz deviation 1 kHz sine | 2 | 0,3 | 28 |
| 710 | 704 – 787 | LTE Band 13, 17 | Pulse modulation ^{b)} 217 Hz | 0,2 | 0,3 | 9 |
| 745 | | | | | | |
| 780 | | | | | | |
| 810 | 800 – 960 | GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5 | Pulse modulation ^{b)} 18 Hz | 2 | 0,3 | 28 |
| 870 | | | | | | |
| 930 | | | | | | |
| 1 720 | 1 700 – 1 990 | GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS | Pulse modulation ^{b)} 217 Hz | 2 | 0,3 | 28 |
| 1 845 | | | | | | |
| 1 970 | | | | | | |
| 2 450 | 2 400 – 2 570 | Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7 | Pulse modulation ^{b)} 217 Hz | 2 | 0,3 | 28 |
| 5 240 | 5 100 – 5 800 | WLAN 802.11 a/n | Pulse modulation ^{b)} 217 Hz | 0,2 | 0,3 | 9 |
| 5 500 | | | | | | |
| 5 785 | | | | | | |



! **NOTE**

- If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.
 - a) For some services, only the uplink frequencies are included.
 - b) The carrier shall be modulated using a 50 % duty cycle square wave signal.
 - c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

Symbols

| Symbols | Descriptions |
|---|---|
|  | Refer to instruction manual/ booklet |
|  | Alternate current |
|  | Direct current |
|  | Protective earth (Ground) |
|  | Stand-by Symbol. |
|  | Off (power : disconnect from the main switch) |
|  | On (power : connect from the main switch) |
|  | Warning |
|  | Caution |

| Symbols | Descriptions |
|---|--|
|  | UL classified mark of medical equipment as to electrical shock, fire and mechanical hazards only in accordance with ANSI/AAMI ES60601-1 (2005) + AMD 1 (2012),CAN/CSA-C22.2 No. 60601-1 (2014) |
|  | Manufacturer |
|  | Date of manufacture |
|  | BF applied part |
|  | Serial number |
|  | Non-ionizing radiation |
|  | WEEE : Waste Electrical and Electronic Equipment |
|  | Authorized representative in the European community. |
|  | The Official Mark Of Europe Certificate |
|  | Temperature limit |

| Symbols | Descriptions |
|---|--|
|  | Humidity limitation |
|  | Pressure limitation |
| Rx ONLY | For the customers in the U.S.A. Caution Federal law (United States of America) restricts this device to sale by or on the order of a licensed healthcare practitioner. |
| IPN ₁ N ₂ | Ingress of protection |

Warning

WARNING: To avoid the risk of electric shock, this equipment must only be connected to a supply mains with protective earth.



Connection

Do not connect the detector with anything other than specified.

Otherwise, it may result in fire or electric shock.

To avoid the risk of electric shock, this detector must only be connected to supply mains with protective earth.



Handling

Always be sure to keep checking the condition of the system and the patient to ensure they are normal during the use of the detector. If any problem is found, take appropriate measures, such as stopping the operation of the detector, as required.

Never disassemble or modify the detector as it may result in fire or electric shock.

Also, since the detector incorporates parts that may cause electric shocks and other hazardous parts, touching them may cause death or serious injury.

Do not hit or drop the detector. The detector may be damaged if it receives a strong jolt, which may result in fire or electric shock if the detector is used without being repaired.



The operator must not touch connectors of the detector and the patient simultaneously.



The product has lower breaking capacity type. So do not install at the building power system prospective short-circuit current exceeding 35 A.

Caution



Environment of Use and Storage

Do not install the detector in a location with the conditions listed below. Otherwise, it may result in failure or malfunction, cause fire or injury.

- Close to facilities where water is used.
- Where it will be exposed to direct sunlight.
- Close to air-conditioner or ventilation equipment.
- Close to heat source such as a heater.
- Prone to vibration
- Insecure place.
- Dusty environment.
- Saline or sulfurous environment.
- High temperature or humidity.
- Freezing or condensation.

Do not place the storage case in a location with the conditions listed below.

- Where the cable of the detector unit will be strongly pulled when the detector is put into the case, otherwise, the cable may be damaged, resulting in fire or electric shock.
- Where someone might get their foot caught in the cable of the detector.



Handling

For safety reasons, be sure to turn off the power of each equipment when detector is not used.



Location of Cables

Make sure all cables are located so that they cannot be stepped on, tripped over, or otherwise subjected to damage or stress.



Maintenance and Inspection

If the detector is defective, do not disassemble the detector randomly. Maintenance of the detector should be done by a manufacturer.



Do not install the ME Equipment in a location without easy disconnect accessibility.



If you have any problem when change the IT-Network, Don't action and please contact the manufacture.



MANUFACTURER will make available on request circuit diagrams, component part lists, descriptions, calibration instructions, or other information that will assist SERVICE PERSONNEL to repair those parts of ME EQUIPMENT

Indications

The device is intended to capture for display radiographic images of human anatomy including both pediatric and adult patients. This device is used for generating diagnostic images by converting x-rays into electronic signals. Excluded from the indications for use are mammography.



Contraindications

The device is designed to be integrated into a complete X-ray system by qualified system integrator.

The device is not intended to be used as a primary barrier to X-rays.

Before using the X-ray system please refer to the regulation in force in your area concerning paediatric patients, pregnant women and anyone with health issues that contraindicate the use of X-rays. Investigate and make sure of this condition before starting the exposure.



Clinical Risks and Benefits

There is always a slight chance of cancer from excessive exposure to radiation. However, the benefit of an accurate diagnosis far outweighs the risk.



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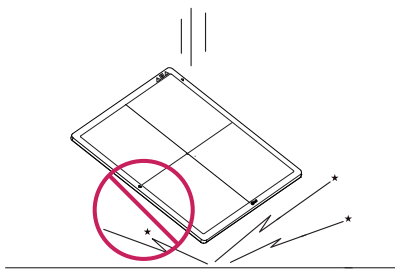
SUPPLEMENT. WIRELESS AP SET UP
INSTRUCTION (MODEL : Cisco Linksys
EA9200) 100

SAFETY INFORMATION

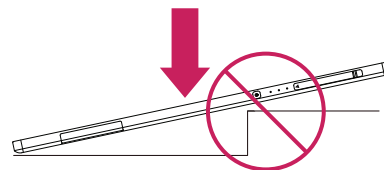
Preparation

- Be sure to connect the cables to the proper connectors. Otherwise, the detector may malfunction or may be damaged.
- The power supply provided by LG is designed for the detector from LG. Please contact LG, if any other type of power supply is needed to be used.

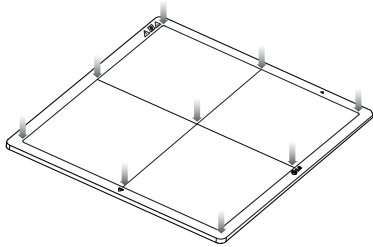
Handling



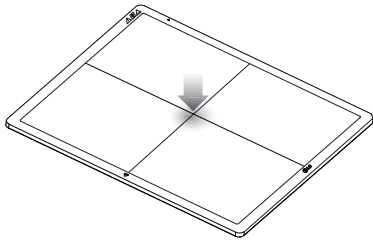
- Handle the detector carefully, as it may become damaged if it is hit, dropped, or receives a strong jolt.



- Be sure to use the detector on a flat place so it will not bend. Otherwise, the detector may be damaged.
- Be sure to check the detector daily and confirm that it works properly. Sudden heating of the room in cold areas will cause condensation to form on the detector. In this case, wait until condensation disappears before performing exposure. If the detector is used with condensation formed on it, problems may occur in the quality of the detector. When an air-conditioner is going to be used, be sure to raise/lower the temperature gradually so that a difference in temperature in the room and in the detector does not occur, to prevent forming of condensation. Follow the recommended proper Room temp.
- Do not use the detector near devices generating a strong magnetic field. Doing so may produce image noise or artifacts.
- Keep the connectors free from being in contact with the patient.
- Connectors are intended to be connected to an external device and must follow IEC standards.
- Do not apply excessive weight to the detector. Otherwise, the detector may be damaged.



Overall Pressure: 150kg (330.6lb) over the whole area of detector window.



Partial Pressure: 100kg (220.4lb) on an area 40mm (1.5 inch) in diameter

Disinfection and Cleaning

- Do not spray disinfectants or detergents on the detector.
- When cleaning the detector, be sure to turn off the power, and unplug the power cable from the AC outlet.
- Do not use any flammable chemicals such as thinner, benzene for cleaning. Otherwise, fire or electric shock may result.
- Wear waterproof gloves to protect your hands from direct contact with disinfectants or detergents.

OPEN SOURCE SOFTWARE NOTICE INFORMATION

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit <http://opensource.lge.com>.

In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

GENERAL DESCRIPTION

Overview

14HK701G is Flat Panel Digital X-ray Detector that can generate images of any part of the body, and designed for a faster approach to digital radiography systems.

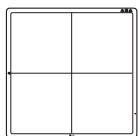
This model utilize a combination a amorphous silicon TFT and high performance scintillator, along with a pixel pitch 140 um and 3.6 lp/mm of resolution, assure sharp and high contrast image quality.

14HK701G is X-ray imaging acquisition device that is based on flat-panel. This device should be integrated with an operating PC and a X-ray generator. It can do to utilize as digitalizing X-ray images and transfer for radiography diagnostic. Data transmission between detector and PC is possible by wire (cable) or wireless.

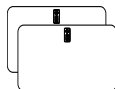
Product Component

- Detector: 14HK701G
- Control Box : LG Control Box
 - AC power cord for Control Box
- Battery Charger : LG Battery Charger
 - 2 Battery packs
 - AC Power adapter for Charger : 65 W
 - AC Power cord for AC Power adapter
- Cable
 - Main Cable : Detector and Control Box link cable (Supply DC power, Ethernet data, control signals of X-ray generator)
 - Trigger Cable: X-ray generator to Control Box, transmit control signal between detector and X-ray generator. (Optional)
 - LAN cable: Control Box to PC, exchanges Ethernet data between PC and detector. (Optional)
- CD: User's manual, Calibration Software
- User's manual(book type), Inspection Report

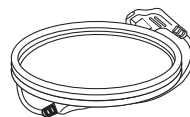
Basic Accessories



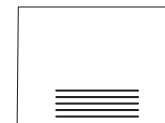
Detector 1 EA



Battery 2 EA



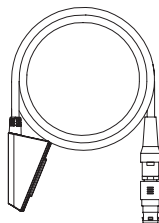
AC Power cord for AC Power adapter



Inspection Report 1EA



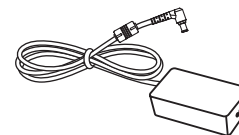
Installation CD 1 EA



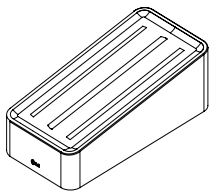
Main cable 1EA



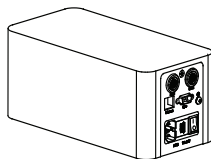
Manual 1 EA



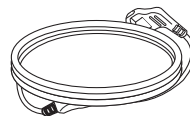
AC Power adapter 1 EA



Charger 1 EA

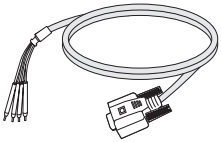


Control Box 1EA

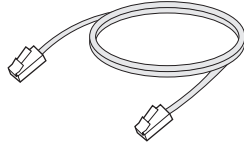


AC Power cord for Control Box 1EA

Optional Accessories



Trigger Cable 1EA



LAN cable 1EA

- Optional accessories can not be included in accordance with production suffix.

CAUTION

- Need to use the authorized components about the below accessories. Unauthorized components may be cause of the damage and malfunction of the product.

| Component | Standard |
|------------|---|
| LAN CABLE | More than CAT5E Standard |
| Power Cord | US – Approved Medical grade regulation Others – Approved country safety regulation |

The AC/DC adaptors and etc. except the upper components need to be used only supplied by manufacturer.