



# AGFA XD 14+

Draadloos CSI+ DR Flatpanel met Musica<sup>3</sup>



## Dura-line XD 14



### MUSICA

Intelligente beeldverwerking  
Ontworpen voor de diergeneeskunde

#### *Bijzondere kenmerken :*

- De nieuwste DR detector - **model 2022**
- Minder straling, dus **lagere dosis !**
- **CSI+** Scintillator - **36 x 43 cm**
- **Spatwaterdicht**
- **Schokbestendig** voor val tot op 1 meter !
- Opladen via USB
- **Draadloos** of bekabelde werking
- **Service** en onderhoud **door Verachttert Digital**

X-Ray Verachttert Digital nv

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# Dura-line XD 14

COMMERCIAL NAME: XD 14 AND XD+ 14

## DETECTOR

- **Model:**
  - XD 14 scintillator type A (FXRD-3643VAW)
  - XD+14 scintillator type B (FXRD-3643VAW PLUS)
- **Image Sensor:** TFT: a-Si (Amorphous Silicon)
- **X-ray Scintillator Type:** CsI (Cesium iodide)
- **Pixel Pitch:** 140µm
- **Field of View:** 36cm x 43cm (14" x 17")
- **Active Area (H x V):** 358.4mm x 430.08mm
- **Active Array:** 2560 x 3072 pixels
- **Effective Area:** 355.04mm x 426.72mm
- **Effective Array:** 2536 x 3048 pixels
- **Grayscale:** 16 bit
- **Spatial Resolution:** Min. 3.5 lp/mm
- **Image Acquisition Time (Wired):** Up to 3 sec.  
(Set exposure time to 500ms / except exposure time)
- **Image Acquisition Time (Wireless):** Up to 3 sec.  
(IEEE802.11ac, MiMO 3x3, 5GHz, 80MHz)  
(Exposure time is set to 500ms, except exposure time)
- **Cycle Time:** Min. 4 sec.  
(with optimal wired / wireless environment, exposure time is set to 500ms, excluding software processing time)
- **X-ray Synchronous Control:**
  - AED (Auto Exposure Detection)
  - DR Trigger (External Line Trigger)
- **IPX Rating:** IP67
- **Power Supply:**
  - Powered from SCU via tether interface cable: DC 24V, Max. 1.0A
  - Powered via AC-DC adapter: DC 18V, Max. 4.44A
  - Powered via 2 battery packs: DC 9 ~13.2V, Max. 78.54Wh
- **Power Consumption:**
  - Max. 24W (without battery charged) --
  - Max. 80 W (when charging battery)
- **Operating Time Battery:**
  - One battery pack: 7.5 hours  
(image acquired every 100 seconds), 8 hours (standby)
  - Two battery packs: 15 hours  
(image acquired every 100 seconds), 16 hours (standby)
- **Dimensions (H x W x D):**  
384.0 mm x 460.0mm x 15.0mm
- **Weight:**
  - Model XD 14: One battery pack: 2.95kg  
Two battery packs: 3.15kg
  - Model XD+ 14: One battery pack: 3.1kg  
Two battery packs: 3.3kg

- **Load limit:**
  - At Surface: 400kg
  - At Point: 200kg
- **Image Transmission:**
  - Wired: Gigabit Ethernet (1000BASE-T) via Power over Ethernet (PoE)
  - Wireless: IEEE 802.11n / ac (2.4GHz / 5GHz), 3 antennas

## WIRELESS COMMUNICATION

- **Wireless standard:** IEEE 802.11n/ac
- **Frequency range:**
  - 2.412 ~ 2.472GHz (13 Channels)
  - 5.18 ~ 5.24GHz (4 Channels)
  - 5.745 ~ 5.805GHz (4 Channels)
- **Data transmission rate:**
  - Max. 300Mbps (IEEE802.11n, MIMO 2x2, 5GHz, 40MHz)
  - Max. 1300Mbps (IEEE802.11ac, MIMO 3x3, 5GHz, 80MHz)
- **Modulation:** BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM
- **Transmission power:**
  - 2.4GHz: Max. 19dBm (per chain)
  - 5GHz: Max. 18dBm (per chain)
- **Security:** WPA2-PSK
- **Antenna:** Dual Band Antennas (3EA, In-built)

## ENVIRONMENTAL USE

- **Temperature**
  - Operation: 0 ~ +40°C
  - Storage & Transportation: -15 ~ +55°C
- **Humidity**
  - Operation: 5 ~ 90% (Non-condensing)
  - Storage & Transportation: 5 ~ 90% (Non-condensing)
- **Atmospheric pressure**
  - Operation: 700 ~ 1060 hPa
  - Storage & Transportation: 500 ~ 1060 hPa
- **Shock**
  - Operation: 20G
  - Storage & Transportation: 30G
- **Vibration**
  - Operation: 2G
  - Storage & Transportation: 5G
- **Drop Limit**
  - Operation: 1,000mm
  - Storage & Transportation: 1,000mm

Voor verdere informatie, neem contact met :  
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