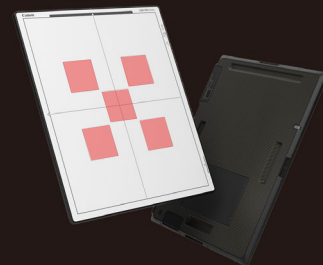


# Built-in AEC Assistance



DIGITAL RADIOGRAPHY  
**CXDI-Elite**

## Canon's Commitment to Further Dose Reduction

- FPD itself reports exposure amount to generator
- No need for traditional AEC receptor
- No cables required to the FPD

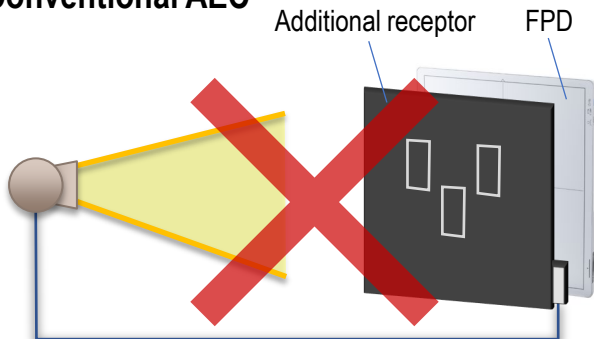
For the Ideal AEC Radiography

**Canon**

# CXDI-Elite Assists Auto Exposure Control

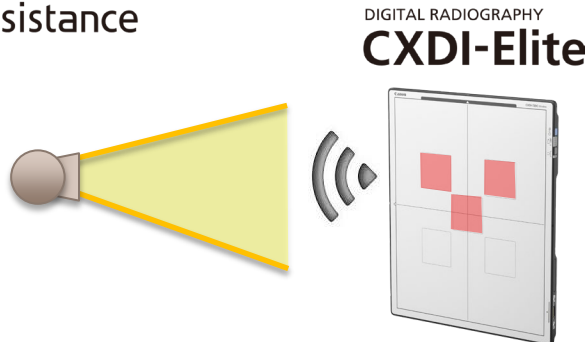
The CXDI Elite series allows for automatically terminated exposures without the use of an additional receptor (ion chamber, solid state paddle, etc.)

## Conventional AEC



**Only Wired Connection**

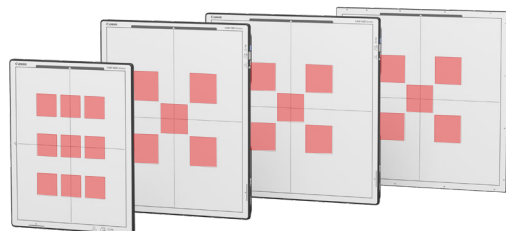
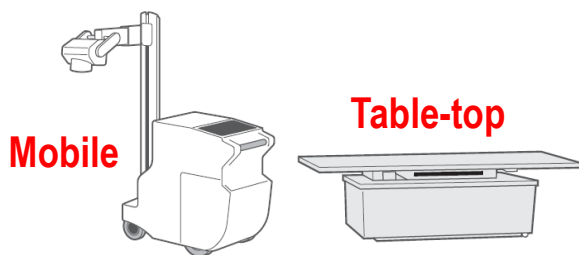
## Built-in AEC Assistance



**Wired & Wireless Connection with Less Hardware to Carry**

- There are 5 or 9 AEC Regions of Interest (ROI or cell) depending upon model.
- This FPD can report the accumulated pixel value corresponding to received radiation in real-time for each AEC cell and notify the x-ray generator when the value reaches the preset amount.
- This function works via both wireless and wired communication to the FPD.
- Radiation dose can be optimized without an external AEC sensor, even in free-position imaging at bed side or tabletop.

## Expansion of AEC Enabled Systems



**Exposure termination for additional uses.**

**Compatible Detectors:  
CXDI-720CW, 820CW, 420CW, 420CF**

Option software sold separately and Multibox (MB-02) is also required

Exposure termination is controlled by the x-ray generator and this feature requires connection to that system to be implemented by the manufacturer.

In an environment with exceptionally strong radio interference, it may be recommended to use a wired rather than wireless connection. As with any AEC operation, appropriate exposure factors with a reasonable backup time should be set.

<https://mcu.canon>

**Canon**

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DRB-047 Rev.A.1.

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