

## Thales Pixium 2430 EZ wireless

### Brief description:

- Wireless & robust
- Auto trigger mode (AED function)
- Excellent image quality at low radiation dosage
- Pixel pitch 148  $\mu\text{m}$  – ideal for radiography
- The X-ray image is available within less than 6 seconds, the pre-view image within one second
- Weighing only 1.58 kg, it is currently the lightest X-ray detector worldwide
- Battery life up to ten hours  
Battery can be changed with one hand
- Easy to clean (all parts, including connections, can be wiped)
- Stores up to 130 images in the detector itself
- Automatically detects orientation

The Pixium 2430 EZ was designed for wireless X-ray imaging in the field of paediatrics and for examinations of extremities. Due to its compact design and its low weight of 1.58 kg the user has unparalleled flexibility.

The Pixium detector boasts outstanding image quality. The versatility of this portable, ultra-light and robust X-ray detector is ideal for X-ray diagnostics. The Thales Pixium 2430 EZ complements the larger 3543 EZ detector perfectly.

### Benefits:

- Fully automatic image correction in case of incorrect detector orientation immediately after the X-ray shot.
- Auto trigger mode (AED function) – synchronisation with the X-ray generator is not required
- Automatic warning signal if the panel is back to front
- Large range of additional accessories such as the protection case with and without integrated grid.
- Fully charged battery lasts for **approx. 1000 shots**
- Intermediate storage of up to 130 images if a wireless connection is not available
- Unbeatable image quality; high resolution of approx. 4 lp/mm



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## Technical details

### General

Warranty	2 years 1 year for battery
Warranty extension (up to 5 years)	Yes
Drop insurance available	Yes

### Technical details

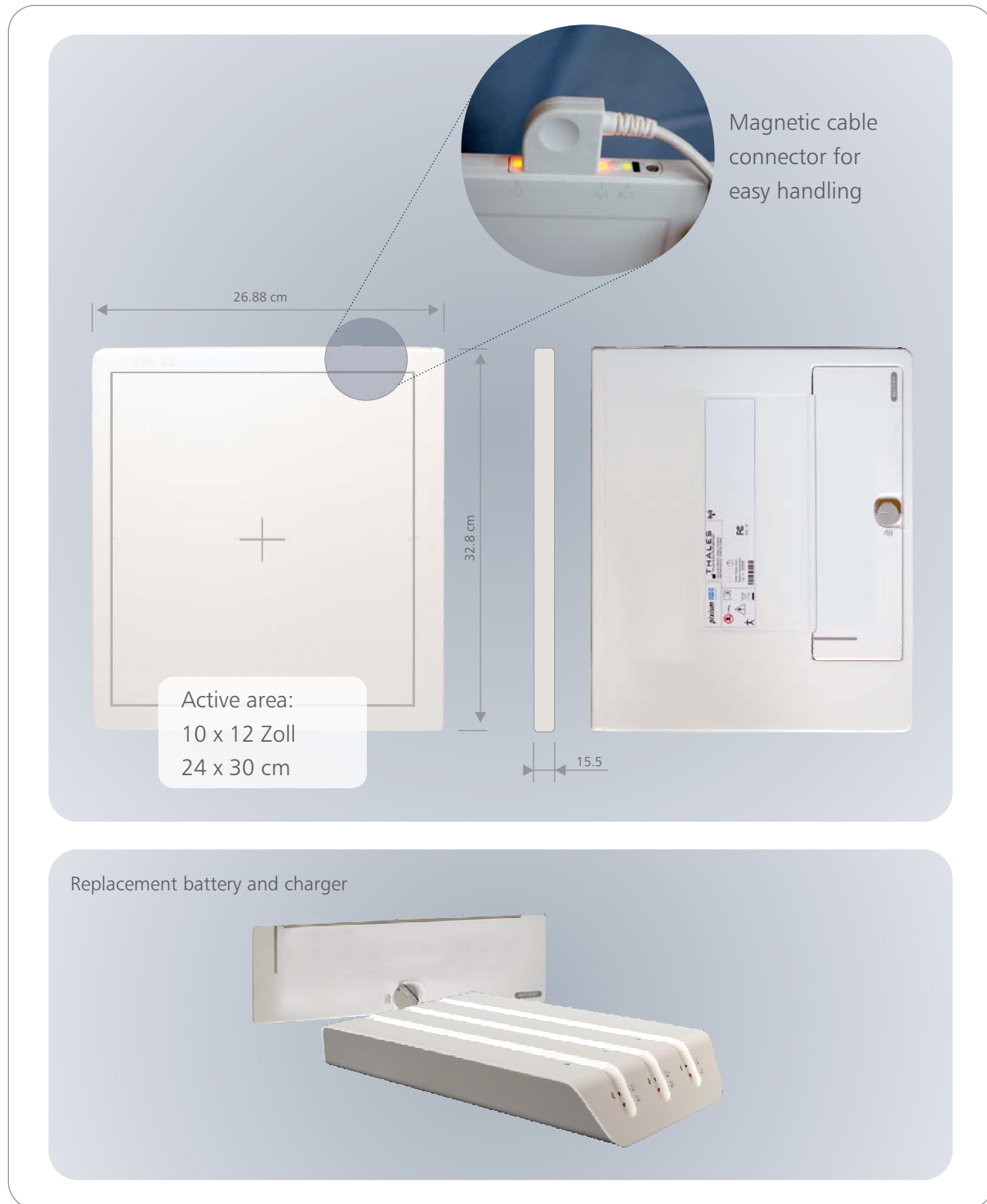
Technology/ screen	aSi, CsI
Cassette size ISO 4090	Yes
Watertightness	IP41
Operation temperature range	+10°C to +35°C
Patient load center	100 kg (80mm)
Patient load whole detector	150 kg
Drop height without any damage	70 cm
Shock sensors	No
Wireless	Yes
WiFi compliant standard	802.11 a/b/g/n
Communications interface	Ethernet
DC input voltage	12V
Pixel pitch / Microns	148
Total pixel number	1920 x 1560
X-ray sensitive area	24 x 30 cm
Maximum x-ray dose	75 uGy
Maximum linear dose	50 uGy
X-ray generator voltage range	40-150 KVp
A/D conversion	16 bits
Preview image	1s
Full image	< 6 s
Weight of the flat panel incl. battery	1,58 kg
Weight of the charger	0,74 kg
Weight of the battery	0,14 kg
Battery type	Lithium ion
DQE @ 0lp/mm	66%
Multi flat panel mode	Yes
Multi room mode	Yes, by infrared
Battery charging time	< 4 h
Number of images every 20 seconds	> 1.000 images
Battery life in operation	> 5 h
Battery life in stand by	> 10 h
Battery life in off mode	> 160 h
Sensitive area for Autotriggering	Active sensor area, min. 4 x 4 cm
Which grid specifications are recommended	85 l/cm 8:1 ratio

### Special features

How many Images can be stored in the flat panel?	130
Autotrigger (AED)	Yes
Gyroscope for Detector orientation	Yes
Auto wake up	Yes

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## Details and dimensions



### Specifications subject to revision without notice

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