

## Wireless flat panel PerkinElmer XRpad™ 1417

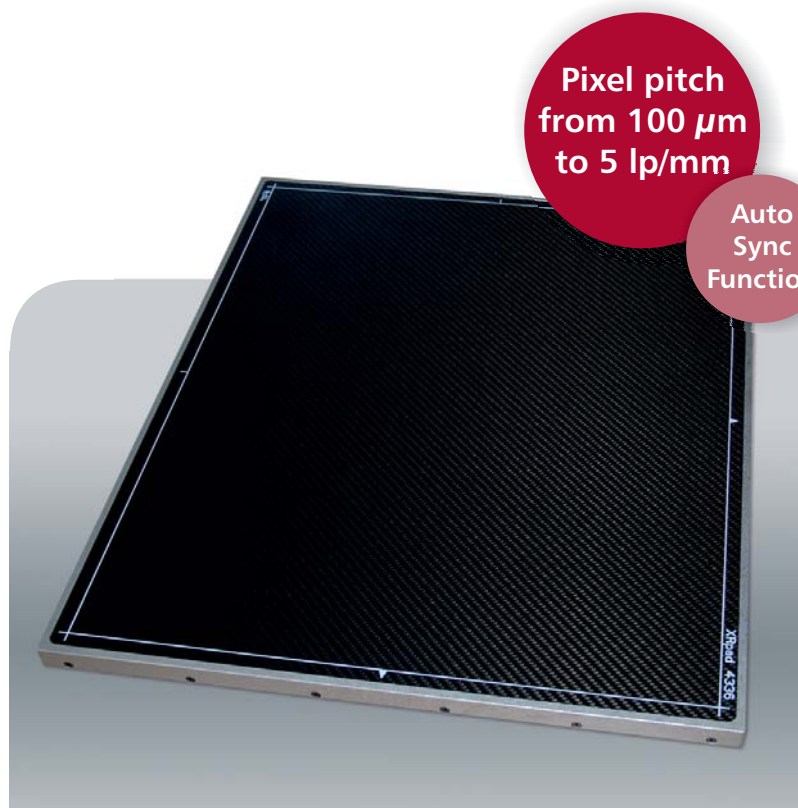
### Benefits & brief description:

- Wireless and robust
- Auto Exposure Detection – no need to synchronise with the X-ray system
- CsI:TI Scintillator 35 x 43 cm (14" x 17")
- Excellent image quality; pixel resolution of over 100  $\mu\text{m}$
- High DQE of 75% at 0lp/mm
- Image availability in less than 5 seconds
- Integrated status display
- Weight: 3.8 kg
- 2 years guarantee; can be extended to 5 years
- Optional: Connection for power and data communication
- Easy-to-clean one-piece carbon fiber design

The high-resolution PerkinElmer XRpad™ 1417 wireless X-ray flat panel was designed for wireless X-ray imaging in digital radiography and is suitable for bucky table and grid wall stand systems. The X-ray detector offers ISO format and fits into a conventional bucky tray so that X-ray systems don't have to be modified.

The XRpad offers a pixel resolution of 100  $\mu\text{m}$  (up to 5 lp/mm – 14" x 17"). The highly efficient CsI scintillator guarantees very sharp images at a minimum radiation dose.

The one-piece carbon fiber design of the front and back of the housing allows easy positioning and cleaning.



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## Technical details

General	
Warranty	2 years 1 year for battery
Warranty extension (up to 5 years)	Yes
Drop insurance available	No
Technical details	
Technology/screen	CsI
Cassette size ISO 4090	Yes
Watertightness	IP42
Operation temperature range	+10 to 35°C
Relative Humidity	30% to 70%
Shock sensors	Yes
Wireless	Yes
WiFi compliant standard	802.11n @ 5GHz
Communications interface	GigaNet
DC input voltage	12V
Pixel pitch / Microns	100 µm
Total pixel number	3,556 x 4,320
X-ray sensitive area	432 mm x 355 mm
A/D conversion	16 bit
Preview image	4s
Full image	7s
Weight of the flat panel incl. battery	3.8 kg
Battery type	Lithium ion
DQE @ 0lp/mm	75%
Multi flat panel mode	Yes
Multi room mode	No
Battery charging time	3 h
Autotrigger (AED)	Yes
Sensitive area for Autotriggering	Whole area

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### Specifications subject to revision without notice

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