

# Wireless flat panel detector Varex-PerkinElmer XRPad2 4336

14 x 17 Zoll [35 x 43 cm]

XRpad2 4336 is a lightweight wireless flat panel detector with advanced features enabling digital radiography never seen before.

Featuring best-in-class 100  $\mu\text{m}$  pixel size, direct deposition CsI scintillator or Gadox and excellent DQE, XRpad2 4336 enables high resolution imaging with reduced X-ray exposure. The design is lightweight, robust and ergonomic. Automatic Exposure Detection, on-board corrections, and wireless access point mode make system integration quick and simple.

- Dynamic mode with continuous output of up to 8 fps
- Onboard preview: The flat panel detector sends a preview immediately after image acquisition
- Acknowledge function: Buffering of acquired images
- High resolution 100  $\mu\text{m}$  pixel pitch (5.0 lp/mm)
- Pixel array 3524  $\times$  4288
- Dimensions (W x H x D)  
384 mm  $\times$  460 mm  $\times$  15.5 mm
- Weight approx. 3.2 kg (7.0 lbs)



# Wireless flat panel detector

## Varex-PerkinElmer XRPad2 4336

14 x 17 Zoll [35 x 43 cm]

### Parameter

Sensor	
Scintillator	Direct deposition CsI:Tl or Gadox
Active Area	350 mm × 426 mm
Pixel Matrix	3524 × 4288
Pixel Pitch	100 μm

Electronics	
Amplifiers	Low noise ASICs with user selectable gains
ADC	16-bit
Image Transfer Time	Wired: 500 ms; Wireless: 3000 ms
On-board Memory	1 GB DDR3, 8 GB SDHC card

Mechanical	
Size	ISO 4090 for 35 cm × 43 cm (14" × 17") cassette size
Active Area	350 mm × 426 mm
External Dimensions (w/l/h)	384 mm × 460 mm × 15.5 mm
Weight	3.2 kg (7.0 lbs)
Housing	Aluminum frame with carbon-fiber entrance window

Communications	
Status Display	OLED display with Wi-Fi, LAN, battery, and sensor indicators
Wireless Data I/F	802.11n Wi-Fi standard at 5 GHz
Wired Data I/F	GigE, trigger and power via docking connector
X-ray I/F	Integrated X-ray trigger control Automatic Exposure Detection (AED)

Imaging Performance	
Typical DQE	75% (0 cy/mm), 60% (1 cy/mm), 40% (3 cy/mm) for RQA5
Typical MTF	70% (1 cy/mm), 40% (2 cy/mm), 15% (4 cy/mm) for RQA5
Limiting Resolution	5 cy/mm

Environmental	
Temperature	10 °C to 35 °C operating
Humidity	10% to 80% operating
Ingress Protection	IPX4 rated (splash water protection)

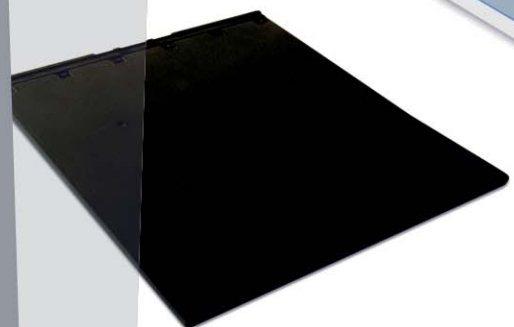
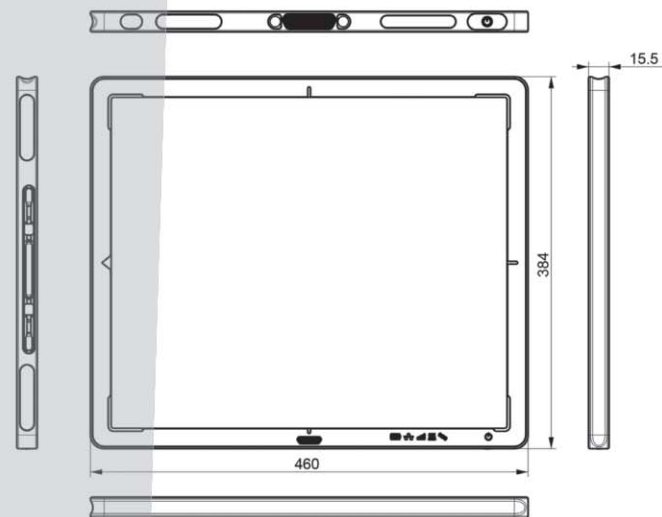
Accessories	
Battery	Rechargeable battery, 11.1 V
Battery Charger	External two bay charger 100 - 240 V, AC 50/60 Hz
Interface and Power Unit	Optional IPU-2 external power supply 100 – 240 V AC, GigE and X-ray I/F

Please visit [www.or-technology.com](http://www.or-technology.com) for more details

#### Specifications subject to revision without notice

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