

SmartRayVision™ HD Portable Digital X-Ray

SRV X1012™

- Automatic exposure detection and image capture
- SpectrumIQ™— new advanced image processing
- Cold boot to first image 60-75 seconds
- Second exposure full cycle 8-12 seconds
- Battery powered with quick field swap
- 16 Bit, 65,536 grey scale imaging (Standard)
32 Bit, 4.29 billion grey scale imaging*
- SRV X1012 - 4.2 lp/mm
- Designed rugged for security applications
3-foot drop shock tolerant
- Wired/ Wireless connectivity
 - Single point-to-point network cable 6m and 50m ultra thin spools
 - WiFi range, 200m line-of-sight extendable to 400m with SmartComm™
 - 2.4GHz and 5GHz 802.11n, WPA2-AES

Military Grade Controller

Included in SRV X1012 Extreme Kits



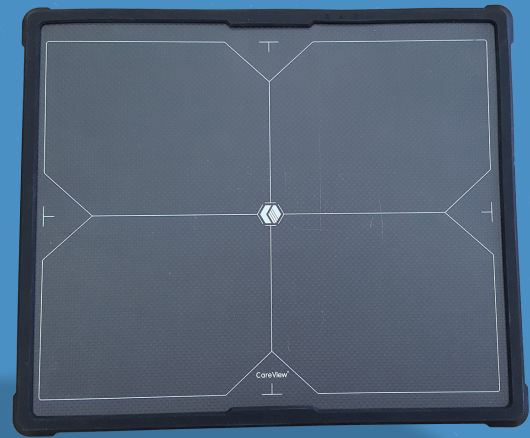
- Rugged, high performance controller
- Computer/controller shock tolerant
- MIL-STD 810G and IP65
- Controller weight: 3.08 lbs (includes case and pen)
- LumiBond® 2.0 sunlight readable LED display with multi-touch technology
- Temperature
 - Operating -21°C to 60°C, -6°F to 140°F
 - Storage -40°C to 71°C, -40°F to 160°F
- XTK Software image and functionality share

System Controller

Included in SRV X1012 Vision Kits



- Semi-rugged, high performance controller
- Computer/controller shock tolerant
- MIL-STD 810G and IP54
- Controller weight: 2.40 lbs (includes case, stand, pen)
- Temperature
 - Operating 0°C to 50°C, 32°F to 122°F
 - Storage -20°C to 65°C, -4°F to 149°F
- XTK Software image and functionality share



SRV X1012™ Specifications

Scintillator	CsI Direct Deposit
Technology	Pat. a-Si TFT, PD, Storage Cap
Imager Area	307 x 246 mm (12.09" x 9.62")
Imager Size	2560 x 2048 Pixels
Pixel Pitch	120 um
Dynamic Range*	16-Bit (65,536 grey levels) 32-Bit (4.29 billion grey levels)
Energy Max	400kv
Resolution	4.2 lp/mm
Image Production Speed	Exposure to Image 3-6 seconds
Single Image Cycle Time Wired (Ready, Fire, Image, Ready)	8 Seconds
Single Image Cycle Time Wireless (Ready, Fire, Image, Ready)	12 Seconds
Imager Weight (w/battery)**	2.3 kg (5.06 lbs)
Imager Membrane Protection Weight***	0.31 kg (0.69 lbs)
Imager Dimension (h,w,d)	333 x 382 x 15 mm (3.11" x 11.10" x .59")
Robust, Field Designed	YES, IP64
Battery Operation	9 Hours (field swappable)
Battery Power Level Indication	ICU and Software
Charge during AC Operation	NO
Support DC/AC Inverter (For Battery Charging Station)	YES
Software	Operation Software with Autostitch
Operating Temperature	-20°C to 60°C, -4°F to 140°F
Storage Temperature	-40°C to 70°C, -40°F to 158°F

*32-Bit gray scale imaging level available with Extreme Kits or if SRV Long Exposure Software feature is added.

**Weight does not include fabric covering protection.

***SRV X1012 Imager/Panel pictured with Membrane Protection.

