

DragonView

A Truly Portable Digital X-Ray System

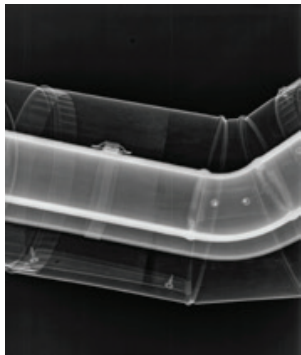
Developed exclusively by Televere Systems, DragonView is easy to deploy and produces high resolution digital images in just seconds. Professional teams can swiftly obtain the data necessary to make critical decisions on the spot.

DragonView will significantly improve your work flow for better image management. Quickly and easily assess threats using advanced image processing, and calculate measurements for precision shooting.

Engineering innovations put DragonView ahead of the pack when it comes to rugged portability. The lightweight, compact, backpack kit is quick to deploy and easy to maneuver. The innovative DR panel produces crisp, clear images allowing the technician to make go, no-go decisions confidently.

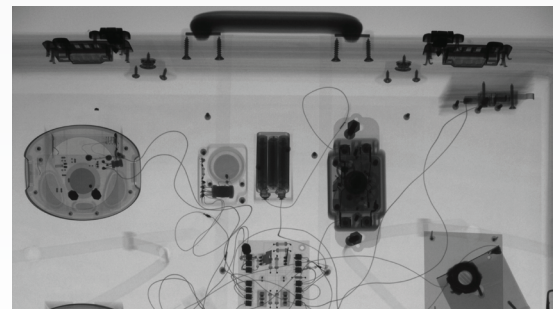
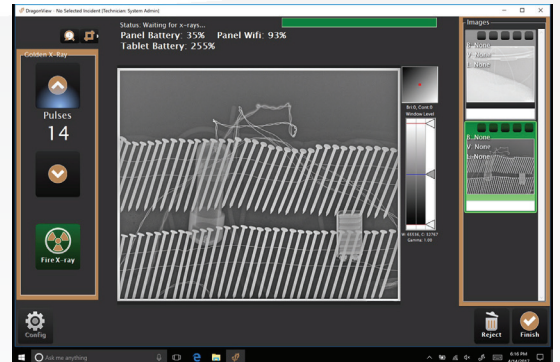
Available in a battery and tethered model, there is a system perfect for your unique application. The panels rechargeable internal battery is capable of four hours continuous run time and compliments the wireless trigger for your Golden x-ray source as well. Control both the x-ray and panel from within DragonViews easy to use software interface.

- Compact
- User-friendly Software
- Self-contained rechargeable battery option
- Quickly assemble multiple images into a mosaic
- Lightweight, extruded frame is exceptionally strong
 - Wire free for tight access applications
 - Can operate in direct sunlight



Includes:

- DR Flat Panel Detector
- Panel Protective Case with Prop Sticks
- DragonView Imaging Software
- EOD/NDT Backpack
- Microsoft Pro Tablet
- Remote Image Controller
- Batteries & Cables



Call us for a demo today.

1-800-385-9593



DragonView

A Truly Portable Digital X-Ray System

PANEL

Receptor Type: Amorphous Silicon
 Conversion Screen: Direct Deposit CsI, DRZ + Pixel Area
 Total: 9.8 x 11.9 inch
 Active (DRZ +): 9.7 x 11.8 inch
 Active (CsI): 9.6 x 11.7 inch
 Pixel Matrix
 Active (DRZ +): 1,772 (v) x 2,156 (h)
 Active (CsI): 1,752 (v) x 2,136 (h)
 Pixel Pitch: 139 µm
 Limiting Resolution: 3.61 lp/mm
 Energy Range Standard: 40-150 kVp
 Fill Factor: 64%
 Scan Method: Progressive
 Data Output: Gigabit Ethernet
 A/D Conversion: 16-bit
 Exposure Control
 Inputs: Prepare, Expose-Request
 Outputs: Expose-OK
 Wireless Signal: >80% or no image acquire

BATTERY

Lithium polymer smart battery prevents over charging
 Charge Capacity: 800 continuous images over 4 hours
 Expected Life: 500 cycles of charge/discharge
 Battery Charge: 10 hours in standby mode
 Weight: 0.66 lbs (.3kg)

COMPUTER REQUIREMENTS

RAM: 2.00 GB
 CPU: Pentium Dual Core running @ 2.0 GHz or equivalent

IMAGE QUALITY

Quality	GADOX (typ.)	DD/CSI (typ.)
DQE @ 0 lp/mm	33%	70%
DQE @ 1 lp/mm	24%	50%
DQE @ 2 lp/mm	15%	32%
DQE @ 3 lp/mm	7%	17%
DQE @ Nyquist	4%	10%
MTF @ 1 lp/mm	53%	57%
MTF @ 2 lp/mm	20%	27%
MTF @ 3 lp/mm	9%	13%
MTF @ Nyquist	5%	10%
Sensitivity	0.412 LSB/nGy	0.660 LSB/nGy
Pixel Noise (1000ms)	7 LSB	7 LSB
Memory Effect	0.005 (@ 60sec)	0.005 (@ 60sec)

ENVIRONMENTAL

Shock: High-shock tolerance
 Water Resistant: IPX-1 (horizontal, face-up)
 Temperature Range
 Operating (at back cover): 10°C to 35°C (max)
 Storage (ambient): -20°C to +70°C (max)
 Humidity
 Operating (non-condensing): 10 to 90%
 Storage (non-condensing): 10 to 90%
 Atmospheric Pressure
 Operating: 70 kPa to 106 kPa
 Storage: 70 kPa to 106 kPa

REGULATORY

U.S.A: UL60601-1
 Canada: CSA 22.2 No. 601.1-M90
 Electromagnetic Capability: IEC 60601-1-2

MECHANICAL

Weight w/battery: 4.6 lbs (2.1kg)
 Housing Material: Magnesium
 Sensor Protection Material: Carbon Fiber Plate

POWER

Power Dissipation
 Idle: 4.7 watts
 Acquisition: 16.0 watts

RECOMMENDED WIRELESS ACCESS POINT

Paxscan I/O Box or 802.11n, 3x3 MIMO, Dual Band (not included)

DOSE RANGE

Dosage	DRZ+	CsI
Saturation Dose	130 µGy	74 µGy
Maximum Linear Dose	90 µGy	46 µGy
NED (max)	0.5 µGy	0.25 µGy

MAIN FUNCTIONALITIES

Cycle Time	GADOX (typ.)	DD/CSI (typ.)
@550ms X-ray Window	<7 sec	<7 sec
X-ray Window	250-2200 ms	250-2200 ms