TITAN RT+

**WIRELESS FLAT PANEL DETECTOR
RETROFIT SYSTEM**

PWR
BUSY
LINK

The Power of Passion

GEMSS

Wireless Flat Panel Detector Retrofit System

- Excellent Sensitivity & Resolution
- Excellent Image Quality
- Excellent Reliability

* FPD : Toshiba FDX3543RPW

Introducing the TITAN RT PLUS, a premium wireless FPD(Toshiba FDX3543RPW) retrofit system that offers fast, filmless X-ray capture for diverse radiographic applications. Featuring advanced flat panel detector technology with Cesium Iodide (CsI) scintillator for superb dose efficiency, the high-sensitivity detector delivers extremely accurate, high resolution images with less X-ray exposure than conventional systems. Easier patient positioning, seamless network integration (wired/wireless), auto exposure detection and significantly reduced wait times for both patients and staff, make the TITAN RT PLUS the best solution when upgrading to digital radiography.

Quality Imaging

Specifications at a Glance

- ↗ **14" X 17"** (Same size as cassette)
- ↗ **Wired / Wireless available**
- ↗ **CsI Scintillator**
- ↗ **AED** (Auto Exposure Detection)
- ↗ **12 sec cycle time**
- ↗ **Pixel pitch: 140μm**

- ↗ **3.1kg Weight**
- ↗ **Battery Capacity 3,400mAh**
- ↗ **7.5M pixels**
- ↗ **40~150kVp**
- ↗ **A/D Conversion: 14bits**

⚙ DR Configurations

· Retrofit Kit is the most efficient and economical way to upgrade to digital radiography.

· TITAN RT PLUS can upgrade any existing X-ray system in just a few hours.

· Flat panel detector can be shared between mobile and conventional X-ray.
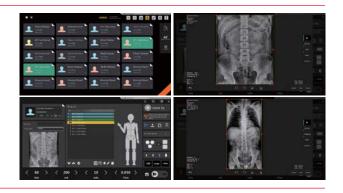
Conventional X-ray + TITAN RT PLUS

Access Point

TITAN RT⁺

switch

Mobile X-ray + TITAN RT PLUS

TITAN RT⁺

Xview 4

GEMSS Medical's proprietary software improves efficiency

-Worklist designed from user's point of view
-Convenient patient registration
-Convenient shooting support
-Remarkable image-processing module
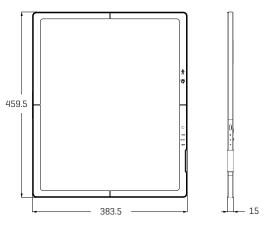-DICOM 3 compatible

⚙ Equipment Components

FPD Detector	Xview 4(Console S/W)	Access Point	Li-ion Battery Pack (2ea)

Battery Recharger	AC Adapter	Main Cable (7m)	Power Supply

⚙ Options

· 17x17 200line, 13:1, FID 130cm
· 14x17 200line, 13:1, FID 130cm
· Detector Holder (Grid attachable)
· PACS

⚙ Dimensions

459.5

383.5

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GEMSS MEDICAL SYSTEMS CO., LTD.

www.gemss-medical.com