



## F1417MCW

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- High DQE for excellent imaging quality
- Up to 400kg of distributed load
- Lower dose of radiation (Low NED value) - make routine screening safer for users
- Carrier glass is removed for breakage protection
- Unprecedented weight of 2kg
- water-proof&dust-proof IP56
- Cutting-edge glass-free technology implemented
- Slick design and finish

The Digital Flat Panel X-Ray Detector, F1417MCW, are wireless digital flat panel detectors that have been designed for faster, more streamlined approach to digital radiography systems. The detector consists of TFT and Scintillator )CsI( and an electronic device that converts data read through it into digital signals. The detectors support an auto exposure detection technology that allows the detectors to be used without generator integration.

# The Story of H&abyz

H&abyz Co., Ltd, with its headquarters based in South Korea, is recognized by world-class customers globally as a provider of top quality CsI-deposited scintillators and supplier of Flat Panel Detector (FPD) for digital X-ray imaging systems.

## Technical Specification

ITEM	FI417MCW )Wireless&Wired(
Detector Type	Amorphous Silicon TFT )Flexible Panel(
Scintillator	CsI
Dimensions	460 x384x 15 mm
Active Detector Matrix	3,040 x 2,466 pixels
Effective Area	425.6 mm x 345.24 mm
Pixel Pitch	140μm
A/D Conversion	16 bits
Spatial Resolution	3.57 lp/mm
DQE	76% )0 lp/mm, Typical(
MTF	86% )0.5 lp/mm, Typical(
Installation	Wireless/ Tethered
Image Acquisition	Tethered/ Wireless )802.11 a/b/g/n & ac(
AED	Available
Weight	Approx. 2 kg )w/o Battery Set(
Max. Load Capacity	400 kg for uniform load, 200 kg for local load )40 mm in diameter disk at the center(
Dust/Water-Resistance	IP56
Shock Logging	Real-time detection, logging and alarming of shock level
Battery Charging Time	Typ. 6 hrs. )tethered( Typ. 3 hrs. )battery charger(
Battery Operation Time	500 images for 4 hrs. Waiting for more than 10 hrs. under deep sleep mode



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