



GENERATION III

NEXT GENERATION OF ACUITY DR



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G3 Acuity_{DR}

Smart portability & best quality image for limitless performance

G3 Acuity DR, Radmedix's innovative digital x-ray solution combines advanced 'Information Technology' with the latest digital detector technology. With its versatility, G3 Acuity DR provides ultimate image quality and can be applied in multiple environments for various applications.

G3 Acuity 1417W, 1717W, and 1012W portable models provide limitless portability with reliable operations.

Upgrade Now! Experience unbeatable performance of G3 Acuity DR and increase your productivity and diagnostic confidence!

- 1 Acuity 1717 Tethered 2 Acuity 1717 Wireless 3 Acuity 1012 Wireless
- 4 Acuity 1417 Wireless 5 Dual Battery Charger 6 Protective Case
- 7 PCP (Portable Console Tablet PC)

Benefit from Excellent Quality X-ray Imaging With RadmediX



G3 Acuity DR, the radiology industry's most innovative flat panel DR solution. Improves the digital imaging needs of any medical or veterinary radiology clinical demands.

- Excellent imaging quality using direct deposited CsI
- Superior image sharpness with enhanced image processing algorithms
- Direct retro-fit into any existing x-ray system
- Patient dose reduction with reliable Lossless AED/AWC technology
- Adaptive exposure window time control (AWC) for any general x-ray exam
- Unibody construction for high impact resistance and rigidity
- Lightweight for effortless handling

Smart Switch Technology

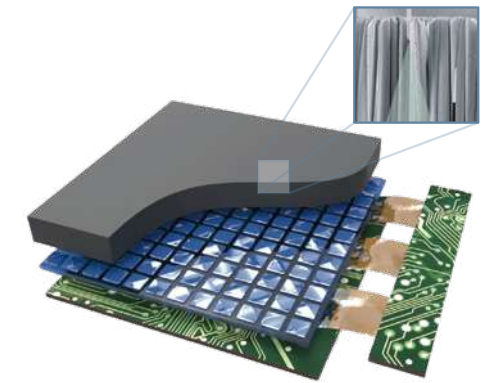
One Panel, Multiple Clinical Applications

Radmedix Smart Switch Technology allows for easy “smart switching” between two workstations for mobile and stationary x-ray needs. With a single push of a button, the G3 Acuity DR allows the user to quickly switch between use in a stationary x-ray room with a PC workstation to a portable tablet or laptop for ultimate portability.



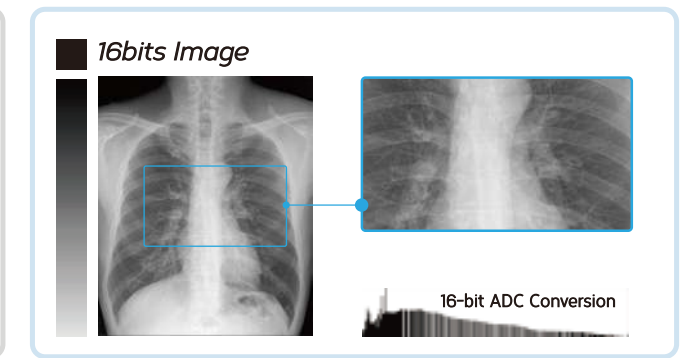
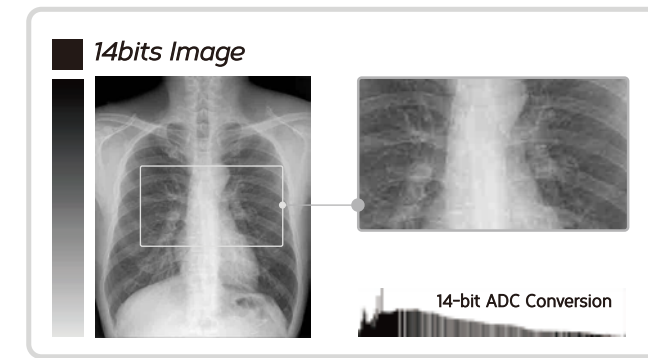
Intensified image sharpness with direct deposited CsI

Direct deposited CsI can provide clearer images at the lowest dispersion compared to conventional CsI and GOS scintillator. High quality images are not a result of any one feature such as smallest pixel size or low electronic noise, but achieved when all components of the detector are optimized to operate in harmony with each corresponding specification.



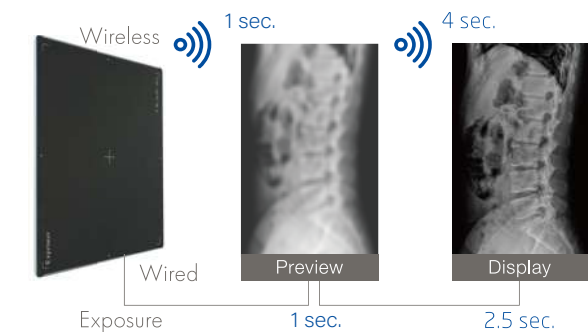
TRU16 bits: Wide Dynamic Range with full 16-bit ADC conversion

Full display of TRU16 bits expression, providing high contrast detailed images for ultimate diagnostic confidence.



Faster image display with high speed operating scheme

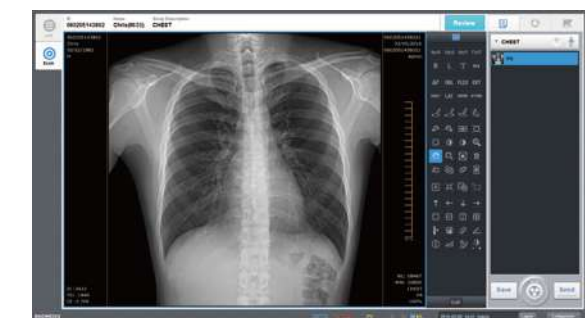
Fast image preview and display time of G3 Acuity DR products allow for more effective and efficient operation leading to increased productivity. Image preview in both wired and wireless modes are achieved less than 2 seconds and a full image is acquired in 4.5 and 6 seconds respectively.



*with optimal Wifi condition

Best Image Processing Solution for Fine Tuned Quality Images

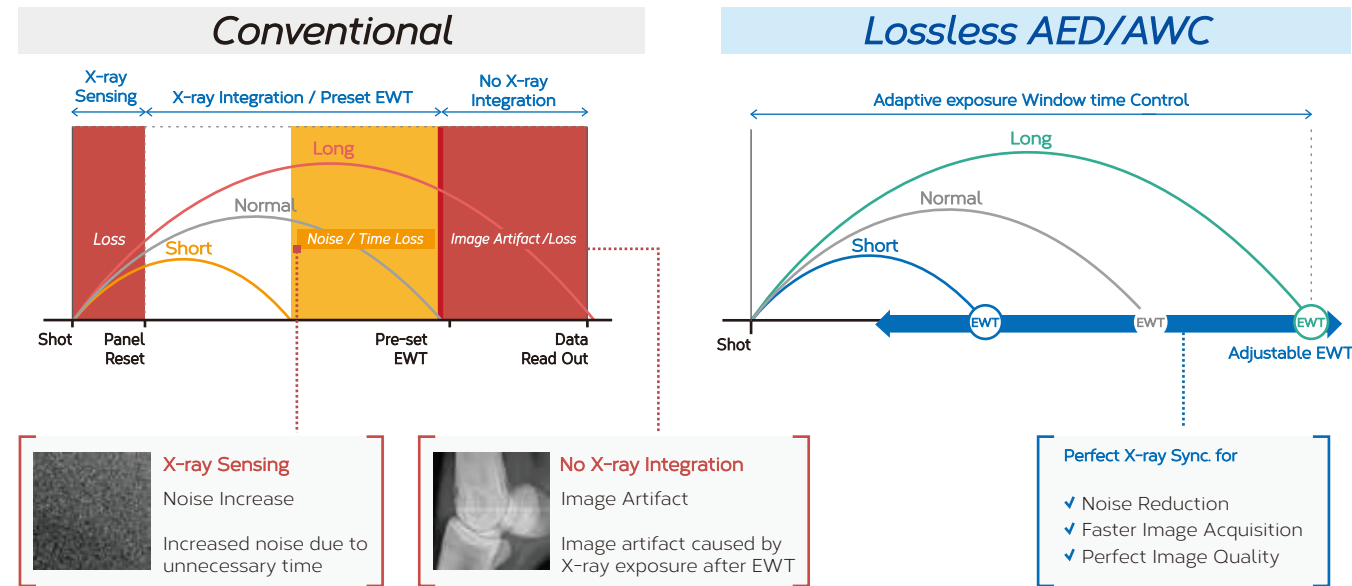
AccuVue software platforms provide perfectly tuned images with anatomy specific processing algorithms. AccuVue software provides a perfect solution to increase diagnostic accuracy while reducing x-ray dose and reducing repeat exams. AccuVue's powerful image processing engine offers the user a convenient user interface to display various anatomical "looks" from a single exposure to offer the most out of a diagnostic imaging solution.



Lossless AED/AWC Technology Perfect Auto X-ray Sync

Radmedix's innovative technology Lossless AED/AWC increases dose efficiency and image quality by detecting x-ray start and finish with perfect precision.

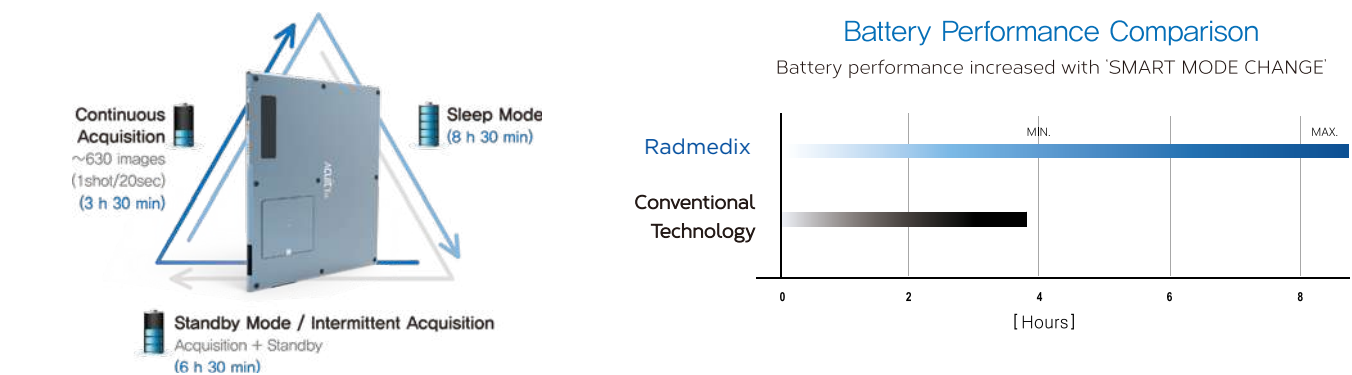
Unlike conventional AED technology which only detects the start of the x-ray, Lossless AED/AWC automatically identifies the end of the x-ray eliminating the need for a preset EWT.



Reliable Lossless AED/AWC technology **reduces failure rates** caused by x-ray sensing errors and eliminates the need for x-ray integration **accelerating the installation time.**

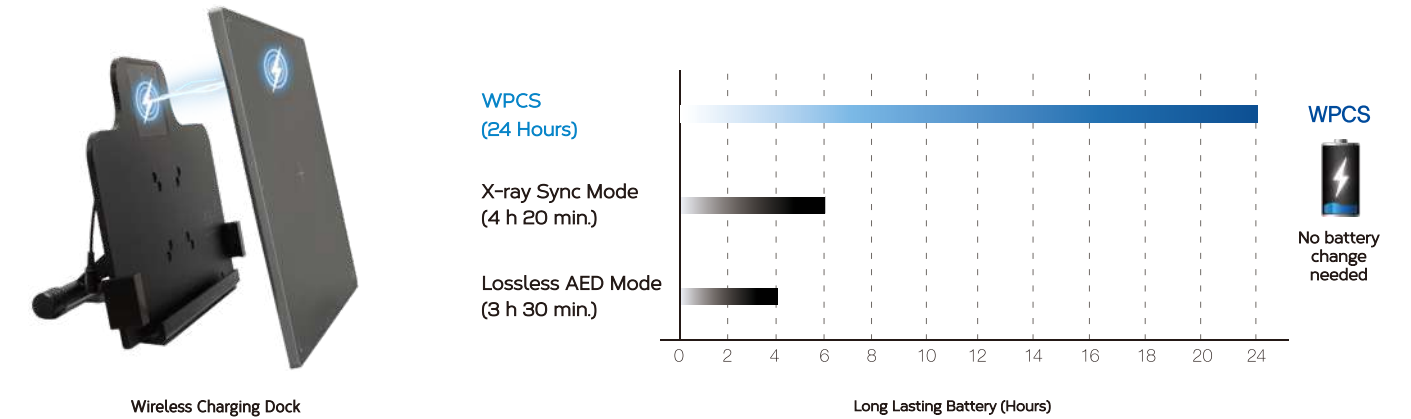
Power Management with 'SMART MODE CHANGES'

Lossless AED Mode, Innovatively Improving Battery Performance



WPCS – Wireless Power Charging System

G3 Acuity 1717, 1417, and 1012 wireless systems are embedded with the industry's first wireless charging system. The WPCS enables seamless wireless charging dock between exams to keep the detector at maximum power while in the most demanding clinical environments eliminating monitoring remaining battery life.



Benefits of WPCS

- ✓ Available in two forms for integration in every diagnostic environment
- ✓ Type: **Wall Mount** installation or Cradle
- ✓ Safer diagnostic environment with removal of hazardous wires and cables
- ✓ No need for battery change
- ✓ Fast and reliable battery charging
- ✓ Less product corrosion due to battery removal
- ✓ Longer battery life

The Ultimate Versatility of Acuity Mobile Detectors

G3 Acuity 1717 | 1417 | 1012



G3 Acuity 1717

Tethered & Wireless | IPX-4 Rating

Medical & Chiropractic
Veterinary Systems



- + Perfect for low dose exams and dose-lowering initiatives
- + Cassette size fits in standard bucky's and holders
- + Maximized field of view, perfect for no-rotation medical, vet, or chiro exams
- + Integrated hand grip for easy carrying and positioning - wireless model
- + Smooth sealed surfaces lock out moisture (IPX-4 rating wireless model)



G3 Acuity 1417

Wireless | IPX-4 Rating

General & Mobile Radiography
Vet Portable



- + Dual channel mode for Smart Switch Technology
- + Perfect for low dose exams and dose-lowering initiatives
- + OLED screen display confirm connectivity & detector status
- + High durability unibody casing
- + Extended battery life - up to 8 hrs. standby time with deep sleep mode
- + All models use the same battery, corded or wireless



G3 Acuity 1012

Ultra Light Wireless | IPX-4 Rating

General & Mobile Radiography, Neonatal / Pediatric,
Equine, Vet Portable / Vet System



- + Dual channel mode for Smart Switch Technology
- + High durability unibody casing
- + 76um pixel pitch for max dose reduction and ultra-sharp imaging.
- + Extended battery life - up to 8 hrs. standby time with deep sleep mode
- + OLED screen display confirm connectivity & detector status
- + All models use the same battery, corded or wireless



Innovative Technologies for Limitless Portability

Slim Dual Battery Charger

Simultaneously charge two batteries with the slim line, dual battery charging dock. With its horizontal and vertical design, this charger supports batteries from all G3 Acuity DR panels. The charging dock also supports 12v charging for those needing to charge.



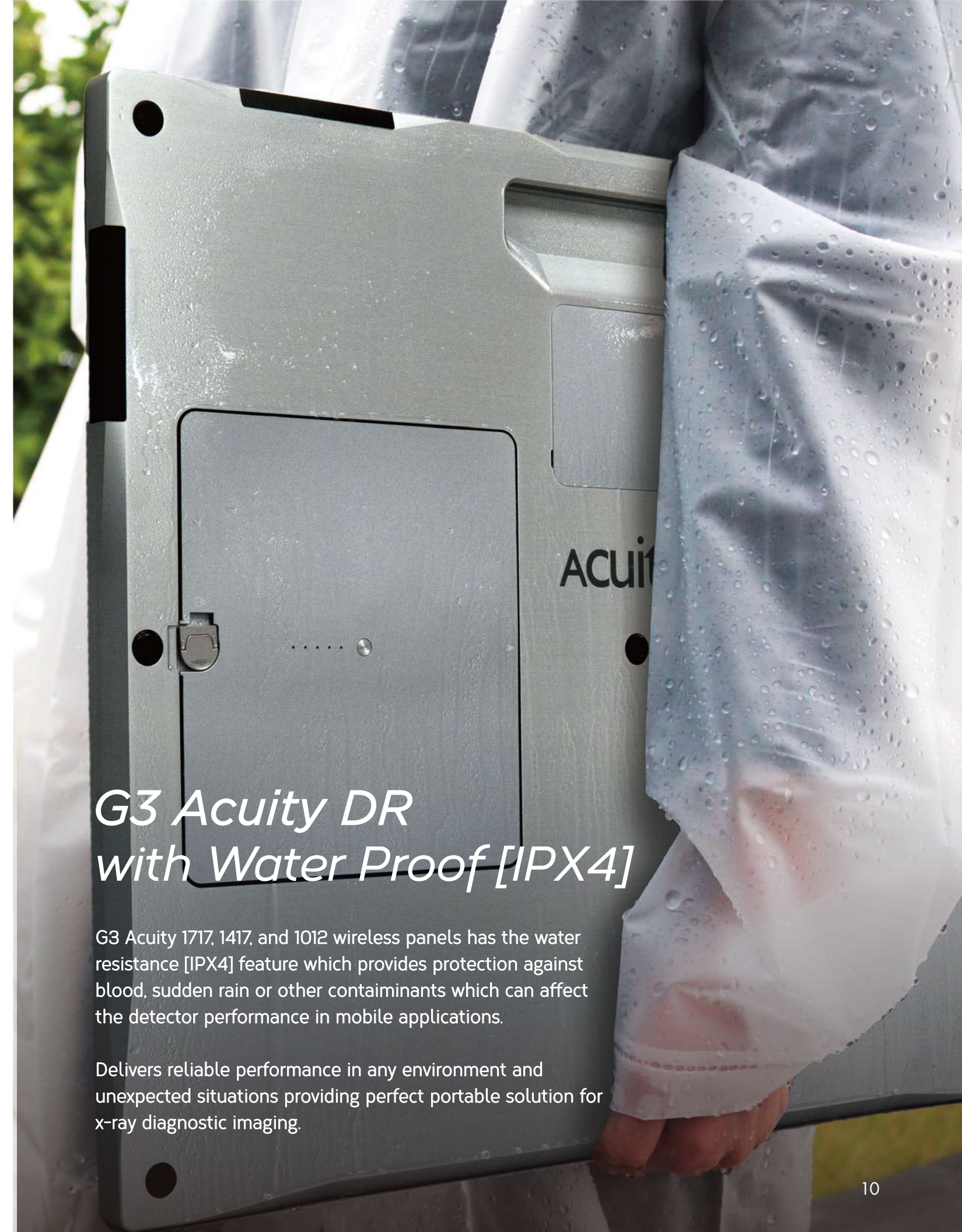
Protection Cases

G3 Acuity DR panels are available with both gridded and non-gridded protection cases to provide ultimate panel security for any wireless panel size. Cases come equipped with an ergonomic handle as well as lock-and-secure latch to keep the detector secure during handling. Combine with our tablet PCP and achieve ultimate portability.



PCP (Portable Console PC)

This unmatched portable digital upgrade is possible when any wireless DR detector is packaged with our PCP solution. Utilizing our powerful and lightweight Surface Pro, the PCP offers a truly versatile touchscreen tablet interface weighing under 2lbs. without sacrificing any operating system functions. The PCP's encased wireless access point offers fast wireless communications, allowing for truly mobile imaging.



G3 Acuity DR with Water Proof [IPX4]

G3 Acuity 1717, 1417, and 1012 wireless panels has the water resistance [IPX4] feature which provides protection against blood, sudden rain or other contaminants which can affect the detector performance in mobile applications.

Delivers reliable performance in any environment and unexpected situations providing perfect portable solution for x-ray diagnostic imaging.

Specifications



G3 Acuity 1717



G3 Acuity 1717

Model	17 x 17 Tethered
Detector Type	Direct deposition CsI or Gadox
Weight	9.5 lbs
Active Area	430 X 430 mm
Pixel Pitch	140 μ m
Resolution	3,072 X 3,072
A/D Conversion	16-bit
Input Voltage	DC 12V, 5A
Communication	Gigabit Ethernet (LAN Cable)
X-ray I/F	Lossless AED / AWC. Sync Trigger

Model	17 x 17 Wireless
Detector Type	Direct deposition CsI or Gadox
Weight	7.6 lbs
Active Area	430 X 430 mm
Pixel Pitch	140 μ m
Resolution	3,072 X 3,072
A/D Conversion	16-bit
Input Voltage	DC 12V, 5A
Communication	Gigabit Ethernet (LAN Cable)
X-ray I/F	Lossless AED / AWC. Sync Trigger



G3 Acuity 1417



G3 Acuity 1012

Model	14 x 17 Wireless
Detector Type	Direct deposition CsI or Gadox
Weight	6.5 lbs
Active Area	358 X 430 mm
Pixel Pitch	140 μ m
Resolution	2,560 X 3,072
A/D Conversion	16-bit
Input Voltage	DC 12V, 5A
Communication	Gigabit Ethernet (LAN Cable)
X-ray I/F	Lossless AED / AWC. Sync Trigger

Model	10 x 12 Wireless
Detector Type	Direct deposition CsI or Gadox
Weight	4.1 lbs
Active Area	233.47 x 291.84 mm
Pixel Pitch	76 μ m
Resolution	3,072 X 3,840
A/D Conversion	16 bit
Input Voltage	DC 12V, 5A
Communication	Giga Ethernet / IEEE 802.11n (5 GHz)
X-ray I/F	Lossless AED