



Enhance your DR room with wireless efficiency

Philips DigitalDiagnost with wireless portable detector

Experience yet another example of Philips' systematic approach to innovation: Integrate a wireless detector to make your DR rooms even more flexible and efficient. Along with other major DigitalDiagnost room benefits such as scalable components, the intuitive Eleva user interface, UNIQUE image processing and CR integration, the portable detector allows fast and smooth DR examinations. You can easily take free trauma, orthopedic and bed exposures which are instantly processed and displayed.

Key wireless advantages

- **More flexibility**
Difficult projections at table, patient bed or trolley
- **More efficiency**
Smooth digital workflow with instant results at the Eleva workspot
- **More freedom**
Cable-free design for easy handling and improved hygiene

PHILIPS

Wireless portable detector highlights

The wireless detector includes various useful features and an array of well thought-out accessories to further maximize flexibility and efficiency in your DigitalDiagnost room. Choose the configuration which meets your individual needs to enhance your workflow.

Benefit from application freedom

The wireless detector allows you to freely move about in the DR room to meet the demands of special applications, e. g. for trauma, orthopedic, bed and wheelchair examinations. Because the portable detector is completely integrated in the DR workflow, it offers fast results for free exposures. When performing these, you benefit from pre-programmed settings which you can select at the Eleva workstation.

Diagnostic confidence with excellent image quality

With Philips advanced UNIQUE image processing and state-of-the-art Cesium Iodide (CsI) technology, the wireless portable detector provides instant image display with superb image quality at the Eleva workspot. The attachable grid and the advanced Philips' grid-line correction algorithm further support excellent image quality to enhance your diagnostic confidence.

Every object covered: alternate CR and wireless

This combination is a great advantage of the Philips solution. Because application needs are in constant flux, it's good to have both options at hand. For example, you can use CR cassettes for smaller objects and pediatrics while, on the other hand, performing trauma exams with the wireless detector. Thanks to UNIQUE image processing and the Eleva workspot, you'll benefit from consistent image impressions and uniform handling across these two devices.

Maximize utilization with optional accessories

To minimize your physical involvement, Philips has developed two detector holders – one is mobile for general projections in the DR room, the other can additionally be used at the table or a patient's bed. The detector holders can be used both with the wireless detector and all CR cassette sizes. To perform weight-bearing feet examinations, Philips offers a protector. Neither the protector nor the hygienic bags which shield the detector from blood, water and other fluids interfere with the high resolution image quality.

Secure handling

The wireless detector boasts a robust outlay and can be used for patients up to 135 kg (298 lbs) in bed thorax examinations and for up to 100 kg (220 lbs) for weight-bearing exams. It's also splash-resistant and therefore easy to clean. What's more, the wireless detector excels in IT security. It is designed to address HIPAA security requirements and is FIPS 140-2 compliant. The link between DigitalDiagnost and the detector is WPA 2 encrypted and cannot be connected to other devices. Only raw image data is transmitted via this connection. To protect sensitive data, the link to patient information is only accessed at the Eleva workspot.

Future-proof

The future is already built into the current release of DigitalDiagnost. If you buy a DigitalDiagnost with Eleva today you can integrate the wireless portable detector later. This is the true value of Philips scalability concept. And the future doesn't end here: Step by step Philips continues to incorporate your input with regards to wireless technology.

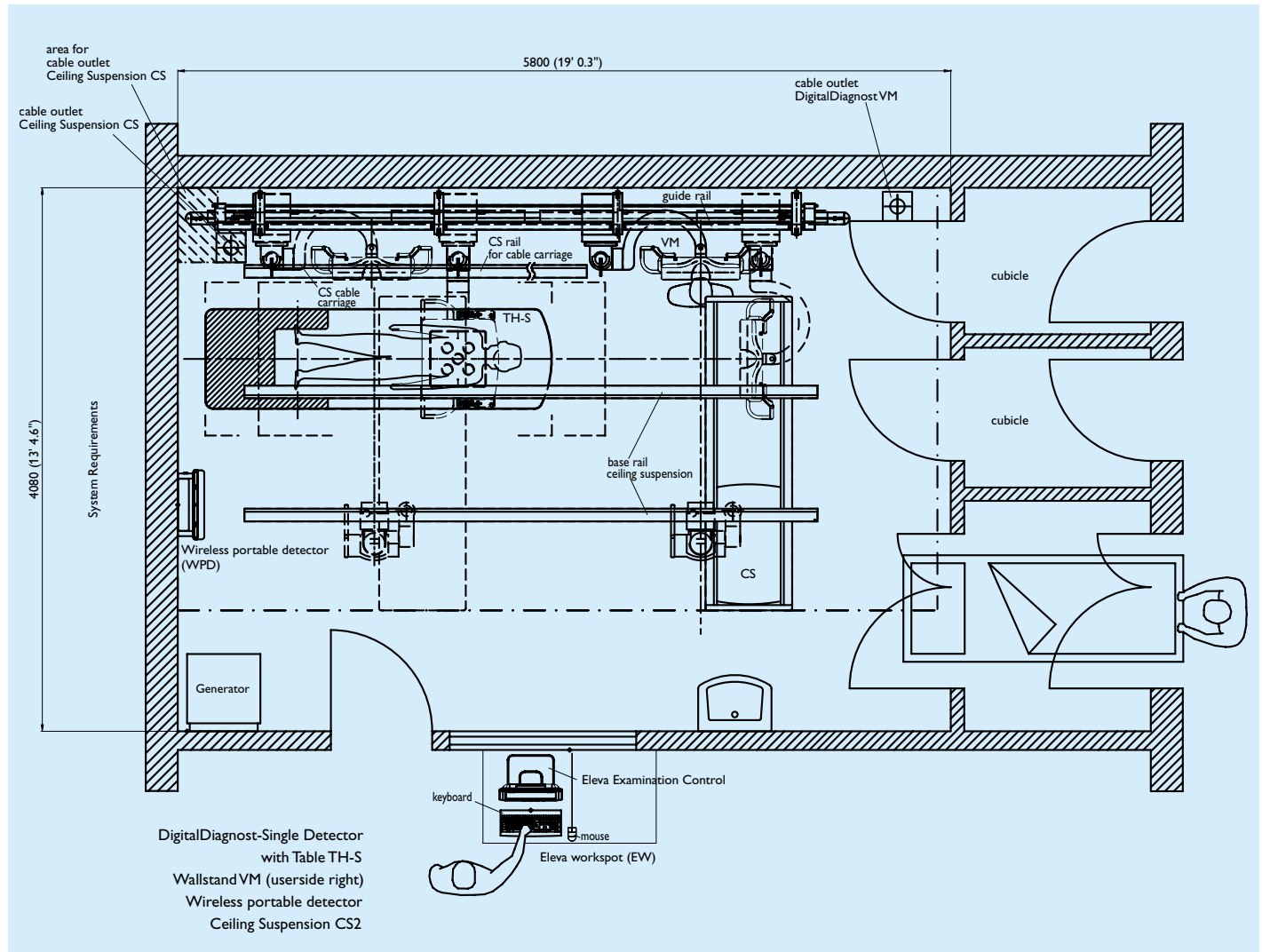
The wireless portable detector is available as an additional detector for DigitalDiagnost single and dual detector configurations and includes the following technical specifications:

Wireless portable detector	
Type	Electronic flat detector made of CsI (Cesium Iodide)
Detector size	35 cm x 43 cm (14" x 17")
Image matrix size	3,000 pixel x 2,400 pixel
Pixel size	144 µm
Image resolution	up to 3.47 Lp/mm
Weight	typ. 4.7 kg (10.4 lbs)
Maximum patient weight	100 kg (220 lbs) for weight bearing examinations
Battery charging time empty to full	3.5h for 100% charge 1.5h for 80% charge
Battery operating time	2 hours typ. at 90 images/hour
WLAN network standard	WLAN standard IEEE802.11 a or g (configurable)
Encryption	Default WPA2 encryption FIPS 140-2 compliant
Grid	
Type	Click on, fixed grid 40 lines/cm r = 8, fo = 1400 mm (4' 7.1")
Weight	1.8 kg (3.9 lbs)



Site planning

This information is intended to provide basic site planning information for one possible room configuration.



All dimensions in mm (feet/inch)



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