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(57) Abstract :

The invention provides a portable digital X-ray imaging device designed for secure wireless transmission of captured X-ray images. The device includes a compact housing with a high-resolution digital X-ray sensor, a wireless communication module capable of transmitting images to remote devices or cloud storage, and an internal battery allowing for operation without external power sources. The wireless communication module incorporates data encryption protocols to ensure the secure transfer of X-ray images. This device is particularly useful in remote or emergency settings, enabling real-time diagnostics and secure data storage.

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