

(54) Title of the invention : WIRELESS DEVICE AND WIRELESS NETWORK SYSTEM

<p>(51) International classification :H04W8/00,H04B1/40,H04B1/50 (31) Priority Document No :2011099819 (32) Priority Date :27/04/2011 (33) Name of priority country :Japan (86) International Application No :PCT/JP2011/078494 Filing Date :08/12/2011 (87) International Publication No :WO 2012/147232 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO. LTD. Address of Applicant :3 Kanda Neribeicho Chiyoda ku Tokyo 1010022 Japan (72)Name of Inventor : 1)KIHARA Hajime 2)YANAGIHARA Norihisa 3)IWAKI Takashi 4)FUJIOKA Takayoshi</p>
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(57) Abstract :

Provided is a wireless device and a wireless network capable of readily communicating wirelessly using different frequency bands and wireless formats to match the state of wireless communication at the installation location of the facility being monitored. A wireless device for performing wireless communication using a wireless module suited to the state of communication, the wireless device being provided with a plurality of wireless modules on a base substrate, wherein the wireless modules are a plurality of wireless modules between which the frequency and/or the wireless format differ. The wireless device is characterized in being provided with: a device controller for selecting a wireless module suited to the state of communication, the device controller being detachably mounted on the base substrate and connected to the plurality of wireless modules by signal wires; and a terminal block for external connection and a communication interface, which are connected to the device controller. The wireless device performs wireless data communication using a wireless module selected by the device controller, the data being acquired from the terminal block or the communication interface.

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