

## Abstract

Radio field intensity determination means 510 determines a radio field intensity between devices that perform wireless communication. ACK signal reception determination means 520  
5 determines the presence or absence of transmission and reception of a signal during communication for performing actual wireless communication between the devices. Retry counting means 530 determines the number of times of transmission and reception of a wireless connection request  
10 prior to the actual wireless communication. Pairing success/failure determination means 540 determines whether wireless connection based on the wireless connection request succeeds or fails. On the basis of such determination results, a type of a wireless communication failure is determined.