

Title of Article : Design and Development of a Microcontroller Based Wireless Security Access System

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Abstract: Security can simply be protecting your equipment and files from unauthorized access, but there is much more. Computer security helps ensure that your computers, networks, and peripherals work as expected all the time, and that your data is safe in the event of hard disk crash or a power failure resulting from an electrical storm. Security makes sure no damage is done to your data and that no one is able to read it unless you want them to. This work focuses on security from the dimension of remote wireless access using password credential. In various industries, companies and even homes of today, the use of this means of security is very popular and various evolution over the years have been made to the first model that came out in the late 1800's. The main activities involved in this work are the research done on how the automatic gate works and the transfer of frequency modulated signals using the transmitter and receiver module.