

Design and construction of remote-controlled LED display via mobile network.

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Abstract: This topic aims to research and deploy a remote-controlled optical warning sign system via mobile networks. The context of the topic stems from the need to enhance flexibility and safety in managing areas requiring surveillance, especially in environments unfavorable for traditional wiring. The objective of this research is to design and build an automatic remote-controlled optical warning sign system via mobile networks to meet the above requirements. The method combines theoretical research on optical warning technology with experimental deployment of the system on a mobile platform. The expected outcome of the topic is to provide a new solution for the security industry, while contributing to the development of modern communication technology.

Keywords: billboard, remote control, mobile network, security, automation