

ABSTRACT

The present research consists of the following sections: Chapter I, in this section to detail the need currently that has the students of the Technical Education College in the career of Electrical Engineering Maintenance that has a surveillance system, with all necessary equipment to perform the theoretical and practical study of the electricity hence the need for a place to study and work that has the adequate safety terms, realizing so the justification for the development for the project for the design and implementation of surveillance system through a closed circuit cameras with a link interface IP for the installations of the Electrical Engineering Maintenance. In the Chapter II, to describe the history, types, parts of closed circuit television therefore it counts with a theoretical foundation of each one of the electric and electronic elements constituting the system with their respective characteristic, at the end is a glossary of terms the same it gives the meaning of the words most used in the text. In the Chapter III, it refers the research types in this case was the bibliography and field, the methodology used was the inductive, deductive, analytical, synthetic and forward looking methods. The Chapter IV, is constituted for the surveys realized the technical subject matter experts, was taken into account in this chapter the design of the closed circuit television through an installation diagram. The Chapter V, it complements the drafting of the conclusions and on this basis is exposed the recommendations that outlines for the solution of the problem and then it details all the annexes such as: the bibliography and photographs.