



訊研科技有限公司

SIGNAL COMMUNICATIONS LTD.

An associated company of CityU Enterprises Limited

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Security Company Licence No.: 0601

6 August 1998

"I, an officer of Signal Communications Limited do hereby authorize Intertek Testing Services to act on our behalf in front of the Federal Communications Commission with respect to all matters relating to certification of equipment under Part 15 and Part 18 of the FCC Rules until further notice."

I further certify that no party (as defined in §1.2002(b) of CFR 47, 1992) to this application, including myself, is subject to a denial of federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C., 853(a).

Yours Sincerely,

Signal Communications Limited

Cliff C K Chan
Managing Director

TeleEye *Pro*

CAMERA CONTROL UNIT

Technical Description

Main core

The SC502 is the heart of the Camera Control Unit. It polls the packet input from the AUX Input port, checks the ID number from the DIP switch, detects the signal from the panel keys and sends the control signals to the relays. Watch dog timer is implemented to prevent unexpected operation/error in the MCU.

Power Supply

There are three power regulators converting input voltage to 5V, 6.5V and -6.5V. Input power is regulated to 5V that supplies to the device operation such as MCU and relays. The input power is regulated to +6.5V and -6.5V that are only used to drive the zoom lens.

5Vdc and 6.5Vdc are generated using linear power regulators.

-6.5Vdc is generated using switching voltage regulator

TeleEye Pro

CAMERA CONTROL UNIT

Block diagram

