
727 Lorne St.
Sudbury, Ontario
P3C 4R5
Ph (705) 674-3332
Fax: (705) 674-2221
Email: james@minewise.net



Operational Description:

The system consists of a mobile operated video transmitter with an N type antenna connector and a portable or stationary operated video receiver. The video Transmitter is analog WFM modulated with a bandwidth (-20dBc) of 18 MHz and a peak deviation of 4 MHz powered by 13.8Vdc. The receiver is a WFM demodulator with 18 MHz IF filtering and set for 4 MHz peak deviation. Both Transmitter/ Receiver perform Pre-emphasis/De-emphasis according to CCIR 405-1 and use a phase locked loop controlled by a reference crystal for maintaining the final frequency. In case of lock failure inside the transmitter the final output stages are disabled to prevent unintentional interference at other frequencies.