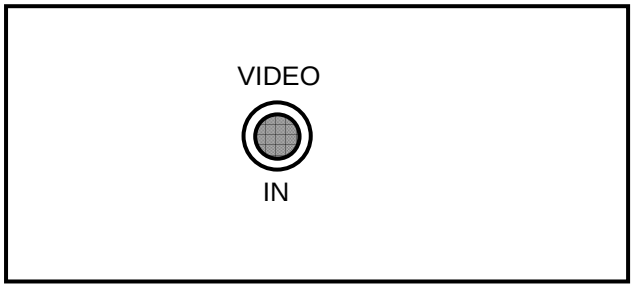
RF MANUAL

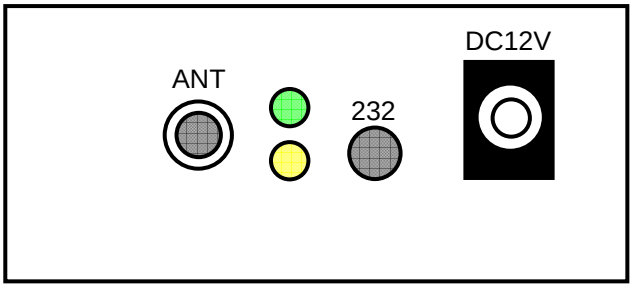
Table of Contents

1. INTRODUCTION

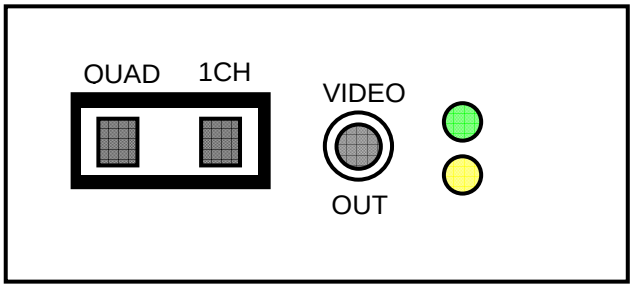
1.1 PANEL & BUTTON NAME

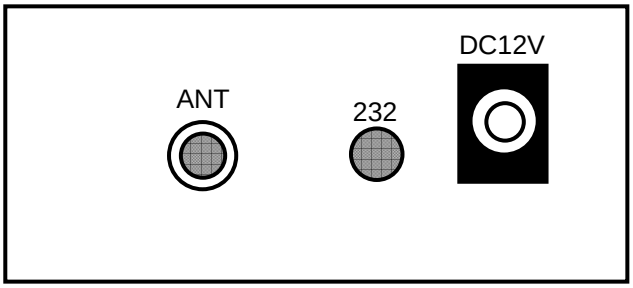
T102 (CAMERA)





A102 (AP)

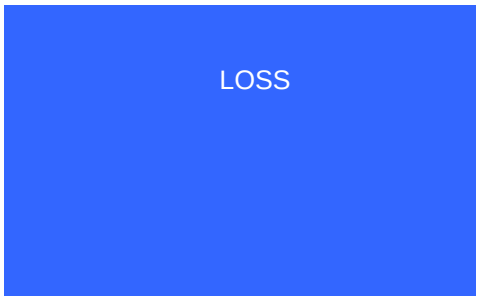




1.2 Using method of key

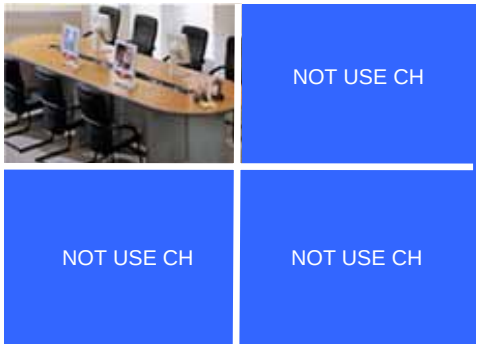
☐ If Press the button 1CH KEY

[VIDEO SIGNAL ON]



[VIDEO SIGNAL OFF]

☐ If Press button of Quad KEY



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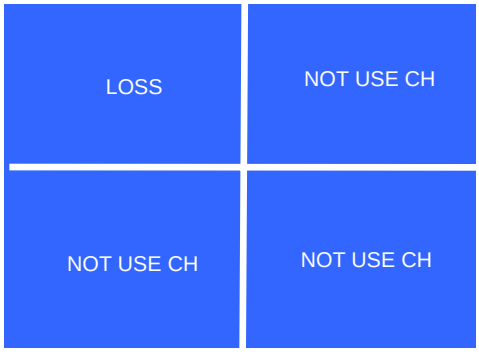

[VIDEO SIGNAL OFF]

- If Press the Button QUAD and 1CH KEY at the same time
  - AUTO RF CH(or RF CH01) is displayed at top-left on the monitor
  - If press the QUAD Button within 10 seconds, the channel is changed this step : Auto RF CH -> RF CH01 -> AUTO RF CH
  - When current Status is RF CH01, and if Press Button 1CH , increased Channel Value(Min 1, Max 11). (ex RF CH01 -> RF CH02)
  - If Any Button not Press during 10 seconds, message display status is Off.

1.3 RF Channel Location Table

The RFCH channel of this module is possible from RFCH01 to RFCH11

RF CHANNEL	RF Center Frequency
RFCH 01	2417 MHz
RFCH 02	2422 MHz
RFCH 03	2427 MHz
RFCH 04	2432 MHz
RFCH 05	2437 MHz
RFCH 06	2442 MHz
RFCH 07	2447 MHz
RFCH 08	2452 MHz
RFCH 09	2457 MHz
RFCH 10	2462 MHz
RFCH 11	2467 MHz

1.4 RF Channel Control by Software

The RFCH channel of this module is controlled by MUWIT-100 SoC. If a user change RF Channel by the key explained in 1.2, the CPU inside MUWIT-100 SoC send the commands "M_WRITE(0, &Modem_regs->misc_regs.rf_if.wr_data,MAXIM_REG(0x03, FREQ_OFFSET + (rf->channel) * 5));", where, FREQ_OFFSET is 12, MAX_RF_CH_NUM is 11.