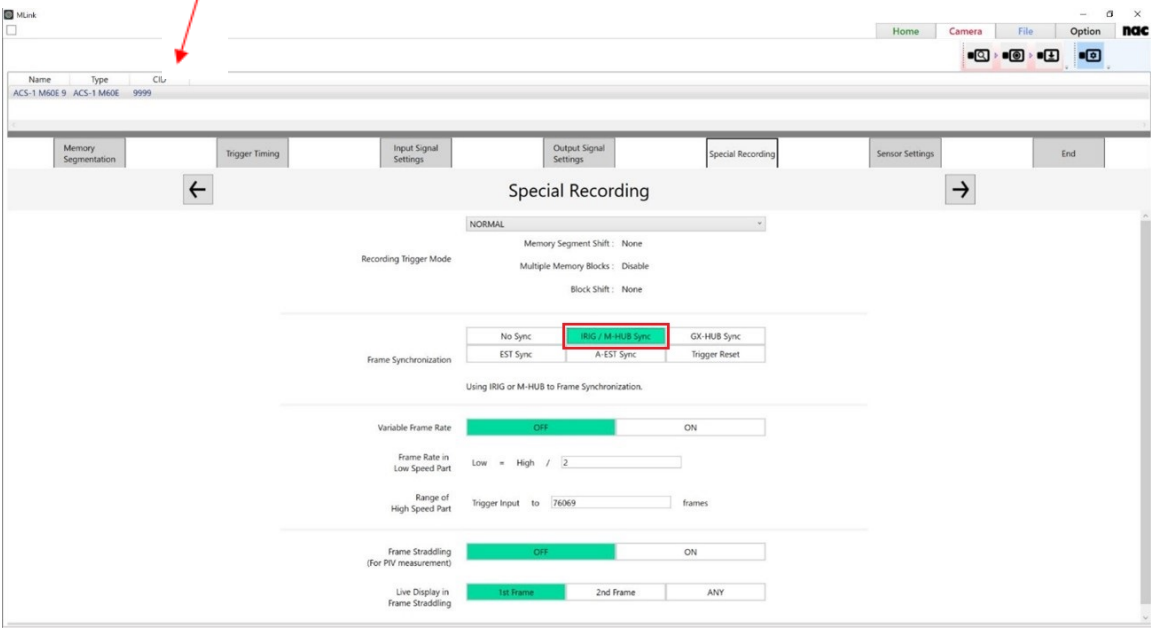# IRIG Setting

When you synchronize with IRIG, please check following items.

*J3 Cable, full-wired version (for Ethernet, EST, IRIG, Trigger2 and EPO) is required for receiving IRIG signal.
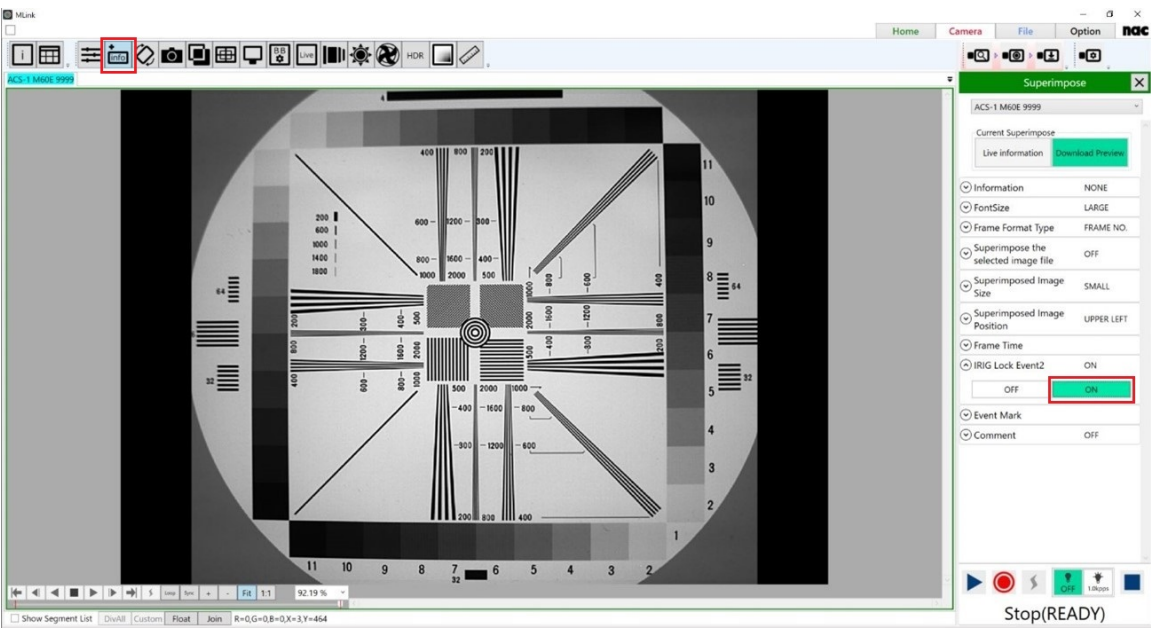
1) Selecting IRIG / M-HUB Sync on Frame Synchronization.

(*When connecting more than two cameras, please select IRIG / M-HUB Sync separately.)

2) Selecting ON on IRIG Lock Event2

(*When connecting more than two cameras, please select ON on IRIG Lock Event2 separately.)
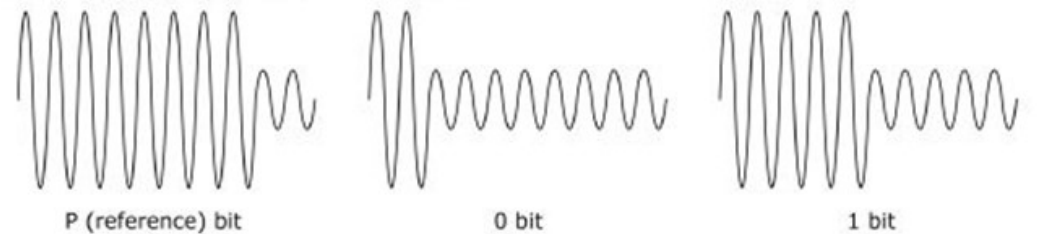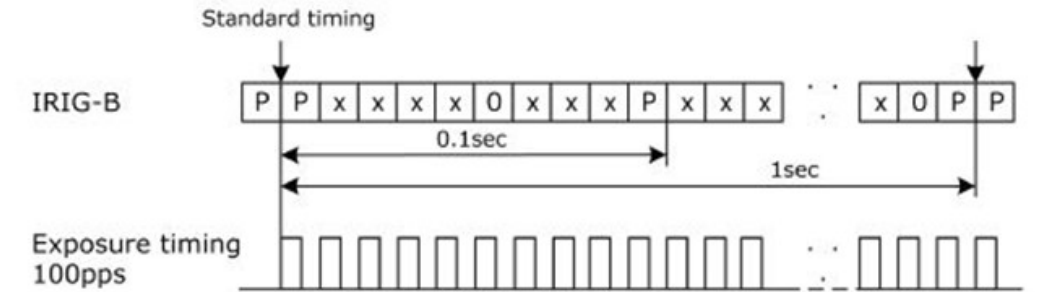
Supported IRIG signal is below.

■ IRIG-B

Standards	IRIG Standard 200-98, IEEE1344 Compatible with 1kHz carrier modulated IRIG-B (B120, B122, B123 format). Carrier signals used, BCD code, some CF (IEEE1344 TMOF). Not compatible with non-modulated IRIG-B (B000, B003 format).

Modulate IRIG-B waveform and exposure timing

P (reference) bit   0 bit   1 bit

Modulation is at P bit,0 bit and 1 bit. The reference timing is the top part. 10 carriers per bit, 100 bits per second. P bits per 0.1 second. 1 carrier is 1 ms.

The example above shows the IRIG-B and exposure timing for 100 frames/second. In the figure, "x" indicates "1" or "0" bits.
The IRIG-B and the exposure starts match for the reference timing at any frame rate.