

3-CCD Color Camera

MODEL HV-F31CL-S2 / HV-F22CL-S2

HV-F31CL-S3 / HV-F22CL-S3

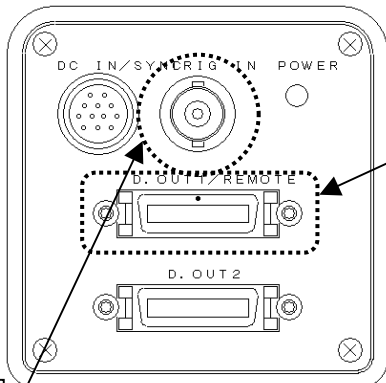
OPERATION MANUAL

The Hitachi HV-F31CL-S2 / HV-F31CL-S3 / HV-F22CL-S2 / HV-F22CL-S3 have an external trigger input via Camera Link connector based on HV-F31CL / HV-F31CL-S1 / HV-F22CL / HV-F22CL-S1 respectively. This manual contains only an explanation of the external trigger input. In regard to other matters, please refer to the explanation of corresponding base model in another manual "HV-F31CL / HV-F22CL / HV-F31CL / HV-F31CL-S1 OPERATION MANUAL".

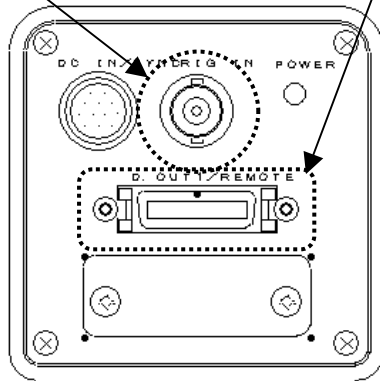
Model	Base model	External Trigger Input		
		Camera Link	BNC	12pin Hirose
HV-F31CL-S2	HV-F31CL	<u>Available</u>	<u>NOT Available</u>	Available
HV-F22CL-S2	HV-F22CL	(Refer to pin assignment on the back.) LVDS 290mVp-p		
HV-F31CL-S3	HV-F31CL-S1			
HV-F22CL-S3	HV-F22CL-S1			

The specifications different from base model's are underlined.

Hitachi Kokusai Electric Inc.



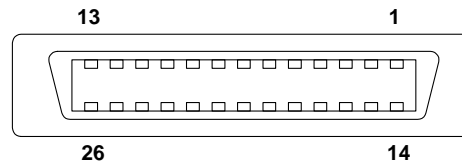
HV-F22CL-S2 / HV-F31CL-S2



HV-F22CL-S3 / HV-F31CL-S3

External Trigger input via D.OUT1/REMOTE connector (Camera Link) is available.
 (An effective frame grabber is necessary.)

Pin No.	Signal name	Pin No.	Signal name
1	GND	14	GND
2	X0-	15	X0+
3	X1-	16	X1+
4	X2-	17	X2+
5	Xclk-	18	Xclk+
6	X3-	19	X3+
7	SerTC+	20	SerTC-
8	SerTFG-	21	SerTFG+
9	NC[CC1]-	22	NC[CC1]+
10	TRIG[CC2]+	23	TRIG[CC2]-
11	NC[CC3]-	24	NC[CC3]+
12	NC[CC4]+	25	NC[CC4]-
13	GND	26	GND



TRIG IN connector (BNC) is NOT available.