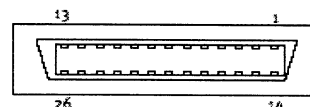
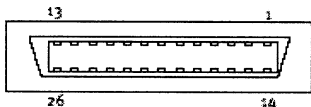


1. CameraLink connector pin assignment



D.OUT 1 / REMOTE		
Pin No.	Signal Name	Function
1	GND	Ground
2	X0-	Video output (Port A,B,C)
3	X1-	
4	X2-	
5	Xclk-	Video clock output
6	X3-	Video output (Port
7	SerTC+	Serial (RXD) input
8	SerTFG-	Serial (TXD) output
9	Ext VD[CC1]-	VD genlock input
10	Trig[CC2]+	Trigger input
11	Ext HD[CC3]-	HD genlock input
12	NC[CC4]+	-
13	GND	Ground
14	GND	Ground
15	X0+	Video output (Port A,B,C)
16	X1+	
17	X2+	
18	Xclk+	Video clock output
19	X3+	Video output (Port
20	SerTC-	Serial (RXD) input
21	SerTFG+	Serial (TXD) output
22	Ext VD[CC1]+	VD genlock input
23	Trig[CC2]-	Trigger input
24	Ext HD[CC3]+	HD genlock input
25	NC[CC4]-	-
26	GND	Ground

D.OUT 2		
Pin No.	Signal Name	Function
1	GND	Ground
2	Y0-	Video output (Port D,E,F)
3	Y1-	
4	Y2-	
5	Yclk-	Video clock output
6	Y3-	Video output (Port
7	NC	-
8	NC	-
9	NC	-
10	NC	-
11	NC	-
12	NC	-
13	GND	Ground
14	GND	Ground
15	Y0+	Video output (Port D,E,F)
16	Y1+	
17	Y2+	
18	Yclk+	Video clock output
19	Y3+	Video output (Port
20	NC	-
21	NC	-
22	NC	-
23	NC	-
24	NC	-
25	NC	-
26	GND	Ground

2. Bit assignment of Video output

1

HV-F31CL, HV-F22CL (Medium Configuration)

Port/bit	Video data
Port A0	R0
Port A1	R1
Port A2	R2
Port A3	R3
Port A4	R4
Port A5	R5
Port A6	R6
Port A7	R7
Port B0	R8
Port B1	R9
Port B2	-
Port B3	-
Port B4	B8
Port B5	B9
Port B6	-
Port B7	-
Port C0	B0
Port C1	B1
Port C2	B2
Port C3	B3
Port C4	B4
Port C5	B5
Port C6	B6
Port C7	B7
Port D0	-
Port D1	-
Port D2	-
Port D3	-
Port D4	-
Port D5	-
Port D6	-
Port D7	-
Port E0	G0
Port E1	G1
Port E2	G2
Port E3	G3
Port E4	G4
Port E5	G5
Port E6	G6
Port E7	G7
Port F0	G8
Port F1	G9
Port F2	-
Port F3	-
Port F4	-
Port F5	-
Port F6	-
Port F7	-

HV-F31CL-S1, HV-F22CL-S1 (Base Configuration)

Port/bit	Video data
Port A0	R2
Port A1	R3
Port A2	R4
Port A3	R5
Port A4	R6
Port A5	R7
Port A6	R8
Port A7	R9
Port B0	G2
Port B1	G3
Port B2	G4
Port B3	G5
Port B4	G6
Port B5	G7
Port B6	G8
Port B7	G9
Port C0	B2
Port C1	B3
Port C2	B4
Port C3	B5
Port C4	B6
Port C5	B7
Port C6	B8
Port C7	B9