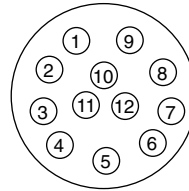


SPECIFICATIONS

MODEL	CSCQS15CC23	CSCQS15BC23
Imaging	Color	Black and White
CCD Sensor	2/3" Interline	2/3" Interline
Active Pixel	2456 (H) x 2058 (V)	2456 (H) x 2058 (V)
Unit Cell Size	3.45µm x 3.45µm	3.45µm x 3.45µm
Scanning System	Progressive	Progressive
Sync System	Internal Sync	Internal Sync
Aspect Ratio	6:5	6:5
Sensitivity	5000K	400lx, F5.6, 3000K
Image Out	CameraLink, BaseConf RGB, RAW (12/10/8bit)	CameraLink, BaseConf 2tap (12/10/8bit)
Max Frame Rate	2456 (H) x 2058 (V) at 15 FPS	2456 (H) x 2058 (V) at 15 FPS
Shutter Speed	2 to 1/20000 (s) all pixels	2 to 1/20000 (s) all pixels
Gamma Correction	ON/OFF	ON/OFF
Lens Mount	C-mount	C-mount
Dimensions	54mm (W) x 43mm (H) x 69mm (D) 2.16" (W) x 1.69" (H) x 2.71" (D)	54mm (W) x 43mm (H) x 69mm (D) 2.16" (W) x 1.69" (H) x 2.71" (D)
Weight	Approx. 200g (7 ounces)	Approx. 200g (7 ounces)

Typical Applications

Applications for CleverDragon 5MP cameras include high-speed machine vision, factory automation, robotics, inspection, scientific and many others.



Power Supply & Sync Signal Input/Output DC IN

Pin Number	I/O	Signal Name
1	-	GND
2	I	+12V
3	-	GND
4	-	N.C.
5	-	GND
6	-	N.C.
7	-	N.C.
8	-	GND
9	-	N.C.
10	O	WEN
11	I	TRIG
12	-	GND

Video Output/Controlling Connector (Camera Link™) MDR 26-PIN

Pin Number	I/O	Signal Name
1	-	GND
2	O	TxOUT0-
3	O	TxOUT1-
4	O	TxOUT2-
5	O	Tx CLK OUT-
6	O	Tx OUT3-
7	I	Ser TC(RxD) +
8	O	Ser TFG (TxD) -
9	I	CC1(TRIG) -
10	I	CC2 (MULTI) +
11	I	CC3-
12	I	CC4+
13	-	GND
14	-	GND
15	O	Tx OUT0+
16	O	Tx OUT1+
17	O	Tx OUT2+
18	O	Tx CLK OUT+
19	O	Tx OUT3+
20	I	Ser TFG (RxD) -
21	O	Ser TFG (TxD) +
22	I	CC1(TRIG) +
23	I	CC2 (MULTI) -
24	I	CC3+
25	I	CC4-
26	-	GND

