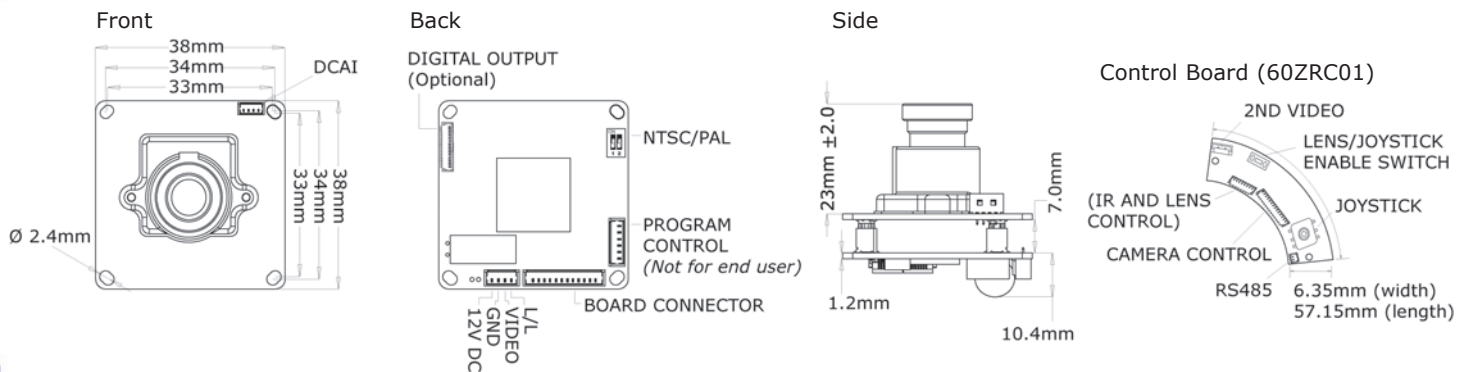




### Camera Features

- Sensitivity Of 0.08 Lux With Digital Slow Shutter
- Superior Wide Dynamic Range (120dB)
- Digital Pixel System
- NTSC/PAL Selectable
- OSD Joystick (Optional)
- Optional Digital BT656 Output Or Y/C Output
- Auto White Balance



### Technical Specifications

<i>Electrical</i>	20B40X
Image Sensor	1/3" CMOS
Total of Pixels (H x V)	742 x 552
Horizontal Resolution	480 Horizontal TV Lines (color)
Scanning System	525 lines interlaced (NTSC) 625 lines interlaced (PAL)
Synchronization	Internal / External
Video Output	1.0Vp-p/75 ohm Composite Optional digital output or Y/C
Iris Control	Electronic or DC iris
White Balance Control	ATW, AWB, manual
Sensitivity	0.08 Lux (DSS on) with F1.2 Lens 0.6 Lux (DSS off) with F1.2 Lens
S/N Ratio	48dB or more
Dynamic Range	120dB(max), 102dB (typical)
Shutter Speed	1/60 - 1/100,000 (NTSC) 1/50 - 1/100,000 (PAL)
AGC Control	On/off (0 - 34dB)
OSD Control Board (Option)	4-directional Switch with a center Push TACTILE Switch
Supplied Voltage	DC 12V (8V - 18V)
Power Consumption	Max 2.7W

### *Environmental*

Operating Temperature	-10° C ~ 50° C (14° F ~ 122° F)
Storage Temperature	-20° C ~ 70° C (-4° F ~ 158° F)
Operating Humidity	Under 90% Non-condensing
Storage Humidity	Under 95% Non-condensing

06/21/09 PDS-20B40X Rev C

### *Mechanical*

Dimensions W x H x D	38mm x 38mm x 18.4mm (without Lens) (1.49" x 1.49" x 0.72")		
Weight	36g (1.3oz) with control board and no Lens		
OSD Function Controls	Lens, WDR, WB, AGC, Illumination, Synchronization, RS-485, Day/Night		
Lens Mounts	Replace "X" in model number with desired lens mount option:		
Example: Change 20B40x to 20B405 to select an M-12 Board Mount.	5 = Metal M-12 Board	6 = Metal M-14 Board	8 = Metal CS Board

### *Accessories*

Included	60C0104	4 pin w/ flying leads
Optional	60ZRC01	OSD control board

### *Complementary Models*

20B40W-F	Includes TotalFocus™ lens & RS485 control board
----------	---

All data subject to change without notice.

Videology® Imaging Solutions, Inc.

37M Lark Industrial Parkway  
Greenville, Rhode Island 02828 USA  
Tel: (401) 949 - 5332 Fax: (401) 949 - 5276  
North/South American Sales: Sales@videologyinc.com



Videology® Imaging Solutions, Europe B.V.

Neutronenlaan 4  
NL-5405NH Uden, The Netherlands  
Tel: +31 (0) 413 256261 Fax: +31 (0) 413 251712  
European Sales: Info@videology.nl