

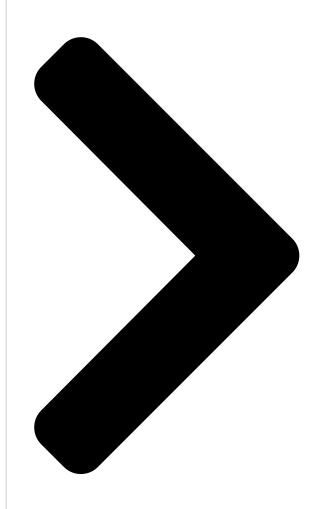
Toshiba CleverDragon CSCV90BC3 Operation Manual

B/w

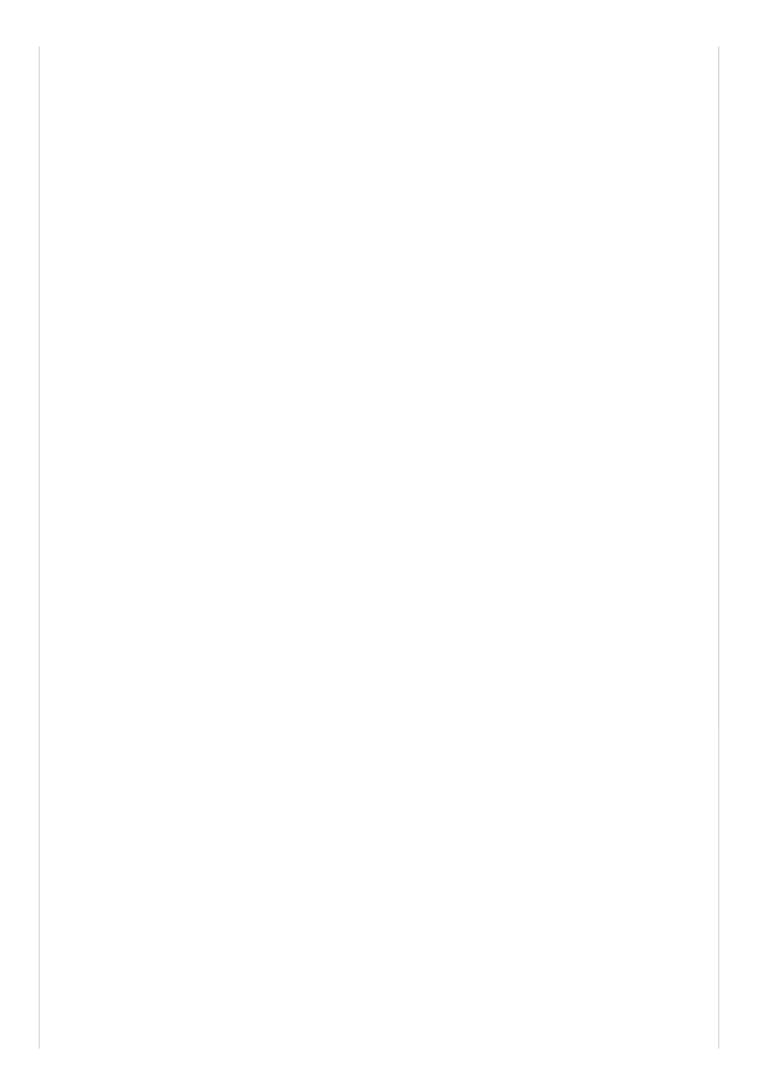
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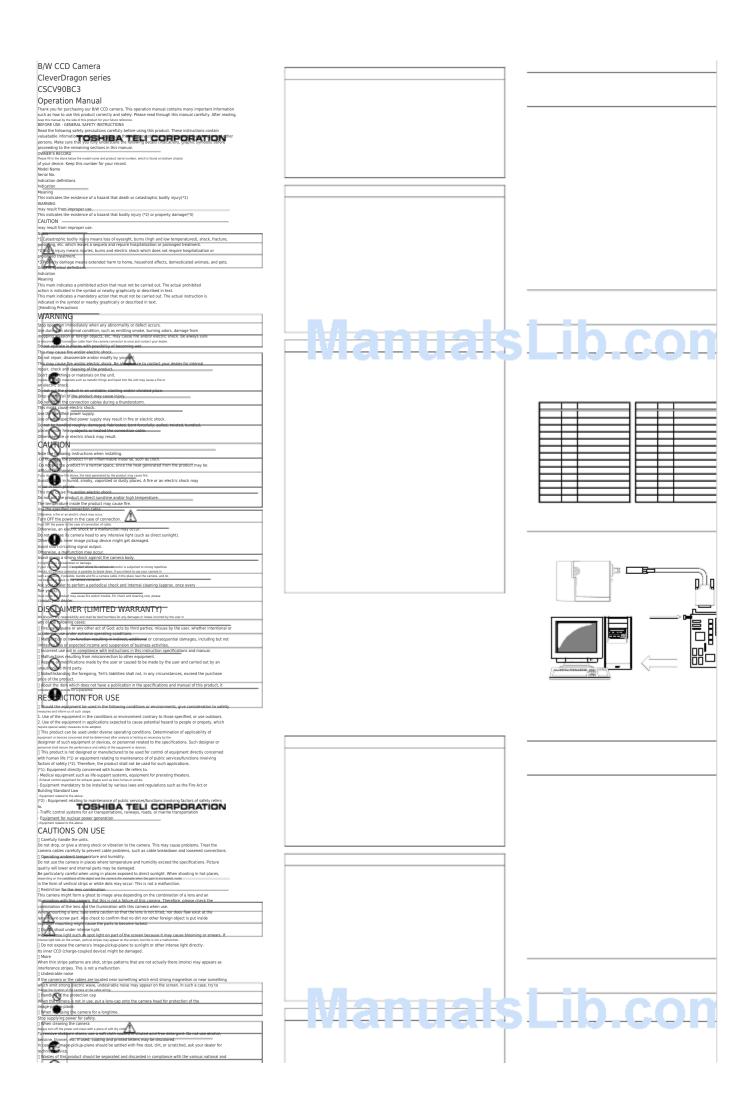


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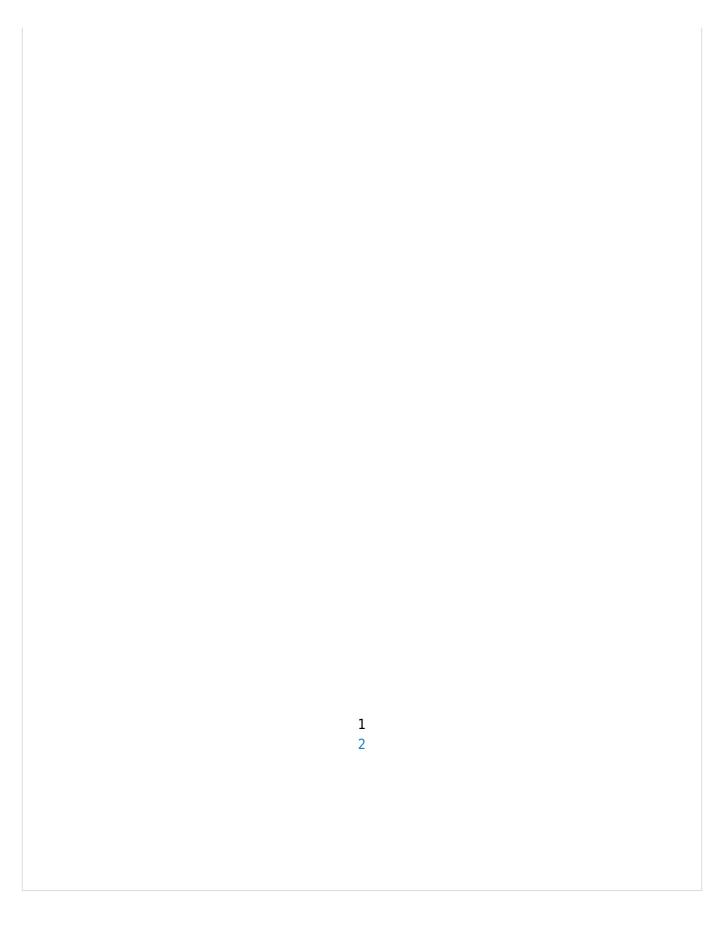




had ottom.		
local ordinances. This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device accept any interference received,		
including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to		
Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses,		
can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, improve aschemation interference to and communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.		
1. PRODUCT DESCRIPTION		
CleverDragon series CSCV986C3 is an integrated type 8/W CCD camera with a VGA format all-pixel-data readout lachieve fast-speed data-processing - the model is suited for high-speed, high-resolution image processing		
lautieve task-speed date-processing. The moder is suited for high-speed, high-resolution image processing use. Its compact, light-weight body is ideal for system integration. 2. FEATURES		
(1) Triple-speed reading CSCV90BC3 reads image data 3 times faster than the conventional CCD camera.		
[2] All-jbekt reading The all-pixel reading system allows the CSCV90BC3 to read all pixels in just 1,90 second. CSCV90BC3 is equipped with a full-frame shutter that allows all-pixel reading even during shutter		
operations. (3) Full-frame shutter		
Since all pixels are output even by a random trigger shutter operation, high resolution can be achieved, without deteriorating the vertical resolution.		
(4) Tetragonal lattice layout The tetragonal lattice layout of CCD pixels facilitates computation for image processing. (5) Camera Lift interface (power supply type)		
by during a further clinic-clipacie marine gracore receive to which power clinic supplies, region-speed player can also laughted biglions as the only entry bigger shall be compared with a random tribger shutter, which starts exposure synchronized with control to the compared with the control of t		
extract trigger signals. Fast moving objects can thus be captured in place, which ensures accurate image arccessing.		
Images can be after and fetched at arbitrary timing based on external VD signal input. (B) Partial Scan Speed is further increased because areas other than the image output range specified by the user are not		
read. (9) Ultra-compact and lightweight main unit		
The space-saving ultra-compact and lightweight camera has excellent resistance against vibration and impact.		
(10) Conformity to RoHS directive CSCW98623 is manifestured in compliance with the European RoHS directive, which prohibits the use of characters abstralfes.		
3. CONFIGURATION Ultimate by 1 [Clarcescopy]		
Construction Cons		
(1) Comera-mounting bit		/
*Application software is not supplied as a standardium. 5. INTERFACE		
Outputs lideo signals and VALID, based on the camera link standard LVDS. This connector is connected to the frame grabber board, image processing device and others.		
Arisi Lis possipi ha supply the power to this camera, by using an estusive Camera Link cable and frame grab by Rusi d Compiled with Rower over Camera Link standard. Canneting Floods: HDR -EC26FDTG2+ (Manufactured by Honda Connectors)		
Para S		
Signal Name		
Signa S		
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SerTC(RxD)-		Constitution and Consti
8		
21 0		
SerTFG(TxD)+ 9		
CC(TRIG/VD)- 22		
I CC1(TRIG/VD)+		
10 		
23		
CC2- 11		
CG3- 24		
CG+ TOSHIBA TELI CORPORATION		
12 CC4+		
25 I		
CC4- 13		
GND 26		
+12V *Blasse confirm the nower supply of the camera ruts when the connector is connected or rulls rut. It causes		
*Please confirm the power supply of the camera cuts when the connector is connected or pulls out. It causes the breakdown etc. (b. CONNECTION EMMPLE) (CQ) Camera		
CCD camera CSCV908C3		
Cologonica Constitute Camera Link Cable Train MX cover suply et al. (Constitute Cable)		
PC PC		
Frame Grabber Board (compiled with PoCL) 7. FUNCTIONS		
By accessing the camera register published on the camera link I/F, you can control/set each function. Since access to the camera register is performed via the frame grabber board, the controlling and setting		
methods differ depending on the frame grabber board you use. For details, refer to the instruction manual of the relevant frame grabber board or contact our sales representative. This instruction majoral describes the specifications in the case where the camera register is directly		
Connected by serie transmission over the camere link interface. For details, the control and setting of functions, refer to "interface Specification". Please ask your distribution as sets representative about "interface Specification".		. 1 1 2 2 2 2 2 2 2 2
distributor or a sales representative about "Interface Specification" 7-1. Exp. alon of Each Function (Il Reacott mode)		i in con
		╱ ╏┈╏╏ ┩╌┡╃┸
Velocities Sustant Bitto, Visiaeurus of Survivales adapted from the camera link connector. The output video can be grabbed by the frame grabber		

Partial Scan Video Start Line: 0 to 374 Partial Scan Video Width: 120 to 494		
Partial Scin Wides Width: 1210 a 494 [12.1] All pictier read to Judies - 0 As all picties are read out in agrount 1/202, you will get images with the higher V resolution (you have to clauge the skitter species 1/202 or shorter). As all picties are read out in agrount 1/202, you will get images with the higher V resolution (you have to clauge the skitter species 1/202 or shorter). Partial Scin Scin Scin Scin Scin Scin Scin Scin		
Address: 0x90, Bit: 0, Value: 0 As all pixels are read out in approx. 1/92s, you will get images with the higher V resolution (you have to		
change the shutter speed to 1/92s or shorter). Vertical Timing		
A = 4H+289CLK B = 404H		
C=72CLK 1 frame = A + B = 498H + 289CLK		
PVAL LVAL		
DVAL DATA OUT		
TOSHIBA TELI CORPORATION		
Horizontal Timing Same timing		
V-Blanking (front) Valid Video line:		
angur en Su- ens PAAL		
LVAL DVAL		
DATA OUT a		
<u> </u>		
a=7261K		
C-BCLK		
In PATRIX IN PAT		
He-700638 (12) Partial Scan		
Address: 0x90, Bit: 0, Value: 1		
Speed if fighter increased because areas other than the image cutput range specified by the user are not read. Earthal scan setting procedure is following:		
Vicer start line		
Video output width		
[] Video output, etitib. Address Ord, Ell to 10 k, Value: 120 to 494 [] Pretail care spides Address Ord, Bit 0, Bit 0, Value: 12 to 494		
Address: 0xC0, Bit: 0, Value: 1		
U g you want maximum forms rate, you must shorten the shutter speed. **I. Yideo Start Line = 120, Video Width = 240 RAA! UAU LINE RAA LINE LINE		
LVAL DVIA CUT		
0		
D E-240H-72CLK		el in oon
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	Wanuak	sLib.con
Dauges minic Lot inner Valid lines: 255 S lines Skighod Fines: 135 S lines How Storet French at 3 Fines How Storet French at 3 Fines		
+ Normal Types 2 Injus		
Valid Info Salifnes High Spiles and Ser. 12.5 lines		
ex, 2) Video Start Line=180, Video Width=120		
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A CO		
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C = 18H D = 15H Tm (0"16 () 44mser)		
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Skipped (no. 344 links Hat Spind manufacility links		
Normal Care Cores		
Valid lines 229 tines High Special rester: 1.8 lines		
Hgh Spean and ar 3 8 lines CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		





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Security Camera Toshiba 27a43 Service Manual

(39 pages)

Security Camera Toshiba IK-7100A Instruction Manual

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Security Camera Toshiba IK-7200A Instruction Manual

Toshiba ccd color camera instruction manual (2 pages)

Security Camera Toshiba IK - TF7H Instruction Manual

3ccd camera head (1 page)

Summary of Contents for Toshiba CleverDragon CSCV90BC3

Page 1 B/W CCD Camera 1. PRODUCT DESCRIPTION 7. FUNCTIONS DISCLAIMER (LIMITED WARRANTY) CleverDragon series CSCV90BC3 is an integrated type B/W CCD camera with a VGA format By accessing the camera register published on the camera link I/F, you can control/set each function. CleverDragon series all-pixel-data readout CCD.

Page 2 648(H) ☐ 480(V) [94.8fps] Video output: +81-42-589-8774 minimum video output lines: 120, minimum step: 1 line URL: http://www.toshiba-teli.co.jp more than 72.2usec (6) Sensitivity 600 lx, F5.6 FVAL (7) Minimum subject illuminance 6lx F1.4 (GAIN:10dB, video level 50 %)

This manual is also suitable for:

Cscx30bc3