

1/3" CCD B&W BOARD CAMERAS

WDP-2000

PINHOLE LENS WITH AUDIO
30MM X 30MM

WDS-2005

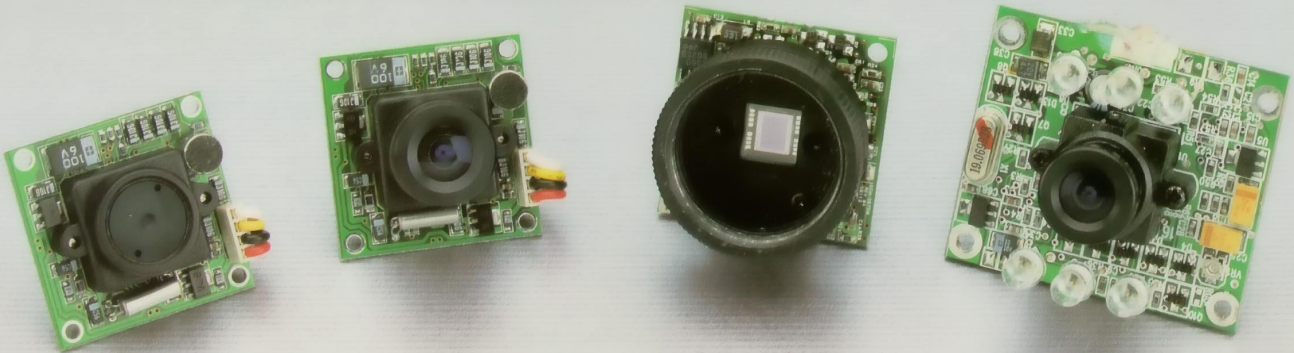
STANDARD LENS WITH AUDIO
30MM X 30MM

WDC-200

C/CS MOUNT WITH AUDIO
30MM X 30MM

WDI-4000

INFRA-RED WITH AUDIO
40MM X 45MM



ACTUAL SIZE SHOWN

ACI PRESENTS:

THE WORLD'S SMALLEST BOARD CAMERAS

- Ultra compact 30mm x 30mm for both B&W and Color. Smallest in the market.
- High Technology gives you the best performance and picture quality of a full featured camera on a compact micro layer board.
- High-Tech micro layers used to minimize size for various applications.
- Audio feature (Mic is built on the board).

1/3" CCD **COLOR** BOARD CAMERAS

WDCC-5200P

COLOR PINHOLE LENS WITH AUDIO
30MM X 30MM X 20MM

WDCC-5200S

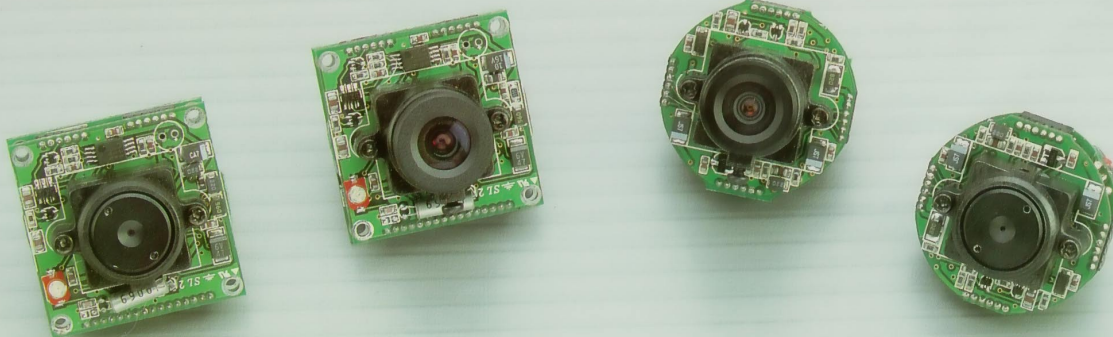
COLOR STANDARD LENS WITH AUDIO
30MM X 30MM X 30MM

WDCC-6200S

COLOR STANDARD LENS
30MM X 30MM X 30MM

WDCC-6200P

COLOR PINHOLE LENS
30MM X 30MM X 20MM



ACTUAL SIZE SHOWN

SPECIFICATIONS

CCD BOARD CAMERAS

B&W BOARD CAMERAS

IMAGE PICK-UP DEVICE.....	1/3" CCD AREA SENSOR
PICTURE ELEMENTS.....	EIA = 512(H) X 492(V)
PIXEL PITCH.....	EIA = 9.6UM(H) X 7.5UM(V)
SCANNING SYSTEM.....	2:1 INTERLACE
SCANNING FREQUENCY.....	EIA = 525 LINES, 60 FIELD/SEC.(II) 15.750KHZ X 60HK
RESOLUTION.....	430 LINES
MINIMUM ILLUMINATION.....	0.03 LUX
S/N RATIO.....	45dB
LENS MOUNTING.....	3.6MM, 4.3MM, 5.0MM AND OTHER LENS AVAILABLE
VIDEO OUTPUT.....	1.0 VP-P / 75 OHM COMPOSITE SIGNAL
POWER REQUIREMENT.....	8-12 VDC (9VDC STANDARD)
POWER CONSUMPTION.....	100 mA
OPERATING TEMPERATURE....	-20 Deg to +70 Deg C, RH 95% MAX
STORAGE TEMPERATURE.....	-40 Deg to +85 Deg C, RH 95% MAX
AUDIO PICKUP SENSITIVITY...	-60 DB (0 DB = 1B/UBAR. 1KNZ)
AUDIO FREQUENCY RANGE....	20 HZ TO 20 KHZ
AUDIO S/N LEVEL.....	MORE THAN 35 DB
AUDIO OUTPUT LEVEL.....	1 VP-P/600 OHM

DIMENSIONS FOR B&W BOARD CAMERAS

WDP-2000	30MM (L) X 30MM (W)
WDS-2005	30MM (L) X 30MM (W)
WDC-200	30MM (L) X 30MM (W)
WDI-4000	45MM (L) X 40MM (W)

COLOR BOARD CAMERAS

IMAGE SENSOR.....	INTERLINE TRANSFER CCD 1/3" FORMAT
EFFECTIVE PIXEL.....	512 (H) X 492 (V) PIXELS/NTSC
	512 (H) X 582 (V) PIXELS/PAL
SCANNING SYSTEM.....	2 : 1 INTERLACED
SYNC SYSTEM.....	INTERNAL SYNC
RESOLUTION.....	400 LINES
S/N RATIO.....	MORE THAN 46dB (typ)
GAMMA CHARACTERISTIC....	0.45
MINIMUM ILLUMINATION.....	1 LUX
VIDEO OUTPUT.....	COMPOSITE VIDEO SIGNAL:1.0 VP-P
WHITE BALANCE.....	AUTO WHITE BALANCE
ELECTRONIC SHUTTER.....	1/60 - 1/100,000 SEC (N)
	1/50 - 1/100,000 SEC (P)
POWER REQUIREMENT.....	9-12 VDC
POWER CONSUMPTION.....	120 mA
LENS.....	3.6MM, 4.3MM AND OTHER LENS AVAILABLE

DIMENSIONS FOR COLOR BOARD CAMERAS

WDCC-5200P	30MM (L) X 30MM (W) X 20MM (D)
WDCC-5200S	30MM (L) X 30MM (W) X 30MM (D)
WDCC-6200P	30MM (D) X 20MM (D)
WDCC-6200S	30MM (D) X 35MM (D)



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