

CANTRONIC
SYSTEMS INC.



BV1100 Series

Color Dome Camera

- SONY CCD
- 480TVL/ 540TVL
- High Sensitivity 0.4Lux/ F2.0
- S/N ration more than 48dB
- AWB/AGC
- 3.6mm/4.3mm/6mm/8mm/12mm/lens option
- Design for easy mounting and installation
- Tilt angle adjust uncovering
- Blooming free
- Built-in reverse protection



MODEL	BV1101	BV1102
CHIP BRAND	1/3"SONY CCD	
EFFECTIVE PIXELS	NTSC : 768(H) x 494(V) / PAL : 752(H) x 582(V)	
SYNC. SYSTEM	INTERNAL	
RESOLUTION	480TVL	540TVL
MINIMUM ILLUMINATION	0.8Lux / F2.0 / 50IRE	
S/N RATIO (AGC OFF)	> 48dB	
GAMMA CORRECTION	0.45	
GAIN CONTROL	AUTO	
WHITE BALANCE	AUTO (2500°K ~ 9500°K)	
EXPOSURE	AUTO E.SHUTTER : 1/60(1/50) ~ 1/100000 SEC	
VIDEO OUTPUT	1.0 Vp-p COMPOSITE (75Ω LOAD)	
SUPPLY VOLTAGE	DC 12V +/- 10%	
POWER CONSUMPTION	170mA	
OPERATION TEMP.	-10°C ~ 50°C	
LENS TYPE	3.6 mm / F2.0 BOARD LENS	
DIMENSION	115mm(D) x 80mm(H)	
WEIGHT (g)	150	

BV1201 Series

Explosion Proof Housing Camera

- SONY CCD
- Explosion proof housing
- 540TVL above
- High sensitivity 0.4Lux/F2.0
- S/N ration more than 48dB
- AWB/AGC
- Built-in reverse protection



MODEL	BV1201
CHIP BRAND	1/3"SONY CCD
EFFECTIVE PIXELS	NTSC : 768(H) x 494(V) / PAL : 752(H) x 582(V)
SYNC. SYSTEM	INTERNAL
RESOLUTION	540TVL
MINIMUM ILLUMINATION	0.4 Lux / F2.0 / 50IRE
S/N RATIO (AGC OFF)	> 48dB
GAMMA CORRECTION	0.45
GAIN CONTROL	AUTO
WHITE BALANCE	AUTO (2500°K ~ 9500°K)
EXPOSURE	AUTO E.SHUTTER : 1/50~ 1/100000 SEC
VIDEO OUTPUT	1.0 Vp-p COMPOSITE (75Ω LOAD)
SUPPLY VOLTAGE	DC 12V +/- 10%
POWER CONSUMPTION	200mA
OPERATION TEMP.	-10°C ~ 50°C
LENS TYPE	3.6 mm / F2.0 BOARD LENS
DIMENSION	108mm(D) x 74mm(H)
WEIGHT (g)	380

BV1501

IR-LED Dome Camera

- High quality SONY CCD
- Easy installation and view angle adjustment
- S/N ration more than 48dB
- AWB/AGC
- Built-in reverse protection



MODEL	BV1501
CHIP BRAND	SONY
EFFECTIVE PIXELS	PAL : 500(H) x 582(V)
SYNC. SYSTEM	INTERNAL
RESOLUTION	MORE THAN 420TV LINE
MINIMUM ILLUMINATION	0 Lux (IR LED ON)
S/N RATIO (AGC OFF)	> 48dB
GAMMA CORRECTION	0.45
GAIN CONTROL	AUTO
WHITE BALANCE	AUTO (2500°K ~ 9500°K)
IR LED	(1). Effective Distance: 10M (12 PCS) (2). Peak Emission Wavelength (λ_p) = 850nm (3). LIFE = 8000hrs, Relative Brightness = 85%
EXPOSURE	AUTO E.SHUTTER : 1/60(1/50) ~ 1/100000 SEC
VIDEO OUTPUT	1.0 Vp-p COMPOSITE (75Ω LOAD)
SUPPLY VOLTAGE	DC 12V +/- 10%
POWER CONSUMPTION	300mA (LED ON)
OPERATION TEMP.	-10°C ~ 50°C
LENS TYPE	3.6mm / F2.0 BOARD LENS
DIMENSION	114.5(W) x 81(H)
WEIGHT (g)	145

BV3100 Series

Color Camera



- SONY CCD
- 480TVL/ 540TVL
- High sensitivity 0.3Lux/ F1.2
- S/N ration more than 48dB
- BLC on/off switchable
- AGC on/off switchable
- Blooming free
- Built in reverse protection
- Combine with patent wall mount bracket

MODEL	BV3101	BV3102
CHIP BRAND	1/3"SONY CCD	
EFFECTIVE PIXELS	PAL: 752 x 582	
SYNC. SYSTEM	INTERNAL	
RESOLUTION	480TV LINE	540TV LINE
MINIMUM ILLUMINATION	0.3 Lux / F1.2 / 50IRE	
S/N RATIO (AGC OFF)	> 48dB	
GAMMA CORRECTION	0.45	
GAIN CONTROL	AUTO	
WHITE BALANCE	AUTO (2500°K ~ 9500°K)	
BACK LIGHT COMPENSATION	ON / OFF SWITCHABLE	
EXPOSURE	AE : E.SHUTTER : 1/60(1/50) ~ 1/100000 SEC A I : DC / VIDEO LENS SWITCHABLE	
VIDEO OUTPUT	1.0 Vp-p COMPOSITE (75Ω LOAD)	
SUPPLY VOLTAGE	DC 12V +/- 10%	
POWER CONSUMPTION	220mA	
OPERATION TEMP.	-10°C ~ 50°C	
LENS MOUNT TYPE	C/CS MOUNT	
DIMENSION	72.4mm(W) x 50.4mm(H) x 119mm(D)	
WEIGHT (g)	430	440

BV3201

Color Camera or B/W Camera



- SONY CCD
- Color:480TVL B/W:540TVL
- High sensitivity0.3Lux/F1.2
- S/N ration more than 48dB
- BLC on/off switchable
- AGC on/off switchable
- Blooming free
- Built in reverse protection
- Combine with patent wall mount bracket

MODEL	BV3201
CHIP BRAND	1/3"SONY CCD
EFFECTIVE PIXELS	PAL : 752 x 582
SYNC. SYSTEM	INTERNAL
RESOLUTION	Color:480 TV LINE B/W:540TV LINE
MIN. ILLUMINATION	Color: 0.3Lux / F1.2 / 50IR B/W: 0.05Lux / F1.2 / 50IRE
S/N RATIO (AGC OFF)	> 48dB
GAMMA CORRECTION	0.45
GAIN CONTROL	AUTO
WHITE BALANCE	AUTO (2500°K ~ 9500°K)
BACK LIGHT COMPENS.	ON / OFF SWITCHABLE
EXPOSURE	AE : E.SHUTTER : 1/60(1/50) ~ 1/100000 SEC AI : DC / VIDEO LENS SWITCHABLE
VIDEO OUTPUT	1.0 Vp-p COMPOSITE (75Ω LOAD)
SUPPLY VOLTAGE	DC 12V +/- 10%
POWER CONSUMPTION	180mA
OPERATION TEMP.	-10°C ~ 50°C
LENS MOUNT TYPE	C/CS MOUNT
DIMENSION	72.4mm(W) x 50.4mm(H) x 119mm(D)
WEIGHT (g)	370

BV3301

Super Noise Reduction
Day & Night OSD Camera



- SONY H.R.CCD
- 4 zone motion detection on OSD manual
- Combine with patent wall mount bracket
- 4 step gain control on OSD manual
- 3 step white balance on OSD manual
- 4 zone motion detection on OSD manual
- Mirror function: on/off
- Super Noise Reduction

MODEL	BV3301
PICK UP DEVICE	1/3" SONY SUPER HAD
EFFECTIVE PIXELS	PAL : 795(H) x 596(V)
SYNC. SYSTEM	INTERNAL
RESOLUTION	Color:540 TV LINE B/W:600TV LINE
MIN. ILLUMINATION	0.3 Lux/F1.2/ 50IRE (Normal), 0.002Lux (128 Times)
S/N RATIO (AGC OFF)	> 52dB (AGC off; weight on)
GAMMA CORRECTION	0.45
GAIN CONTROL	LOW / HIGH / OFF SELECTABLE ON OSD MANUAL
WHITE BALANCE	ATW / AWC / MANUAL (1,800K~10,500K)
DNR	LOW / MIDDLE / HIGH / OFF SELECTABLE ON OSD MANUAL
BACK LIGHT COMPENSATION	LOW / MIDDLE / HIGH / OFF SELECTABLE ON OSD MANUAL
MOTION DETECTION	ON/OFF (4 ZONE)
PRIVACY	ON/OFF (4 ZONE)
MIRROR FUNCTION	ON/OFF
DAY & NIGHT	EXTERNAL CONTROL
SHARPNESS	ON/OFF
EXPOSURE	AUTO / MANUAL: 12 steps for low shutter speed; 14 steps for manual shutter speed / FLICKNESS
VIDEO OUTPUT	1.0 Vp-p COMPOSITE (75Ω LOAD)
SUPPLY VOLTAGE	DC 12V
POWER CONSUMPTION	2.0 W (MAX.)
OPERATION TEMP.	-10°C ~ 50°C
DIMENSION	54(H)x70(V)X133(T) mm
WEIGHT	400

BV3501 D.S.P. color

Wide Dynamic Range Camera



- SONY H.R. DOUBLE SCAN CCD
- Color Mode: 480TVL / 550TVL
- 128 Times Wide Dynamic Range (ON/OFF switchable)
- Gain control: OFF / LOW / MID / HIGH / SELECTABLE
- BLC: ON/OFF switchable
- Flickerless: ON/OFF switchable
- 2.5X Digital Zoom
- OSD MENU
- Dual power with Linelock function to decrease color rolling
- Combined with patent wall mount bracket

MODEL	BV3501
PICK UP DEVICE	1/3" SONY Double Scan CCD
EFFECTIVE PIXELS	752(H) x 582(V)
SYNC. SYSTEM	INTERNAL / LINELOCK
RESOLUTION	Color Mode: 480TVL Above; B/W / Mode: 550TVL Above
MIN. ILLUMINATION	0.1Lux (Normal Mode), 0.001Lux (DSS / BW Mode)
S/n RATIO (GC Off)	> 50dB (BW Mode)
GAMMA CORRECTION	0.45
GAIN CONTROL	OFF / LOW / MID / HIGH / SELECTABLE ON OSD MANUAL
WHITE BALANCE	AUTO / HOLD USER
WIDE DYNAMIC RANGE	ON/OFF SELECTABLE ON OSD MANUAL
BACK LIGHT COMPENS.	ON/OFF SELECTABLE ON OSD MANUAL
FLICKERLESS	ON/OFF SELECTABLE ON OSD MANUAL
MIRROR FUNCTION	NORMAL / MIRROR / VERTICAL / ROTATE ON OSD MANUAL
DAY & NIGHT	AUTO / DAY / NIGHT / EXT ON OSD MANUAL
EXPOSURE	AE: E.Shutter : 1/60 (1/50) ~ 1/100000 Sec AI: DC / Video Lens Switchable
ZOOM	2.5x Digital Zoom
VIDEO OUTPUT	1.0 Vp-p Composite (75Ω Load)
SUPPLY VOLTAGE	DC 12V+/-10%
POWER CONSUMPTION	300mA / 3.6W (Max)
OPERATION TEMP	-10°C ~ 50°C
DIMENSION	133mm(L) x 70mm(W) x 54mm(H)
WEIGHT (g)	430

BV5101 color

Weather-/Waterproof IR Camera



- SONY CCD
- 420TVL above
- 24pcs LED/15M projective distance
- 6mm/8mm/12mm/16mm/25mm/lens option
- IP68weather-proof housing & bracket
- Blooming free
- Built in reverse protection

MODEL	BV5101
CHIP BRAND	SONY
EFFECTIVE PIXELS	PAL : 500(H) x 582(V)
SYNC. SYSTEM	INTERNAL
RESOLUTION	420 TV LINE
MINIMUM ILLUMINATION	0 Lux (IR LED ON)
S/N RATIO (AGC OFF)	> 48dB
GAMMA CORRECTION	0.45
GAIN CONTROL	AUTO
WHITE BALANCE	AUTO (2500°K ~ 9500°K)
IR LED SPEC	(1). Effective Distance : 15m (24 PCS) (2). Peak Emission Wavelength (λ_p) = 850nm (3). LIFE = 8000hrs, Relative Brightness = 85%
EXPOSURE	AUTO E.SHUTTER : 1/60(1/50) ~ 1/100000 SEC
VIDEO OUTPUT	1.0 Vp-p COMPOSITE (75 Ω LOAD)
SUPPLY VOLTAGE	DC 12V +/- 10%
POWER CONSUMPTION	360mA
OPERATION TEMP.	-10°C ~ 50°C
LENS TYPE	4.3mm/F2.0 8.0mm/F2.0 Board Lens
DIMENSION	66mm(W) x 60mm(H) x110mm(D)
WEIGHT (g)	410

BV5301

1/3" Color CCD Zoom Camera

- SONY CCD
- Color: 540TVL B/W: 600TVL
- IP68 weatherproof waterproof
- Built in SDNR function
- Built in reverse protection
- S/N ratio >52dB
- Effective distance: 80m



MODEL	BV5301
PICK UP DEVICE	1/3" SONY CCD
EFFECTIVE PIXELS	PAL : 752(H) x 582(V)
RESOLUTION	540 TVL Color; 600TVL B/W
MIN. ILLUMINATION	0ux/F1.6(IR LED on, B/W mode)
S/N RATIO	52dB(AGC OFF)
LENS	30x Zoom Lens (f=3.3~99mm,F1.6~3.2)
DIGITAL ZOOM	X8
COLOR ~> B/W	IR CUT (ON/OFF/AUTO)
SYNC	INT / EXT(50Hz)
OSD MENU	Built-in
GAIN CONTROL	OFF / LOW / MIDDLE / HIGH
WHITE BALANCE	ATW/AWC/ MANUAL (1,800°K ~ 10,500°K)
SHUTTER	AUTO/MANUAL SHUTTER : 1/60(1/50) ~ 1/120,000 sec
LED	Effective distance: 80M
	Peak Emission Wavelength (λ_p) = 850nm
	LIFE = 8000hrs, Relative Brightness = 85%
W.D.R.	52dB (OFF / LOW / MIDDLE / HIGH)
DNR	OFF / LOW / MIDDLE / HIGH
SENSIVITY	OFF, x2, x4, x8, x12, x16, x24, x32, x64, x128
VIDEO OUTPUT	1.0 Vp-p COMPOSITE (75Ω LOAD)
COMMUNICATION	RS485

POWER SUPPLY	DC 12V +/- 10%
POWER CONSUMPTION	2500mA / 24W(MAX)
WORK TEMPERATURE	-10°C ~ 50°C
STORAGE TEMPERATURE	-20°C ~ 60°C
DIMENSION	196.5mm(W) x 144.5mm(H) x 376mm(D)
WEIGHT (g)	2000

BV5501 color

Weather-/Waterproof IR Camera

- SONY CCD
- 420TVL above
- 90pcs LED/50M projective distance
- 6mm/8mm/12mm/16mm/25mm/lens option
- IP66 weather-proof
- Blooming free
- Built in reverse protection



MODEL	BV5501
CHIP BRAND	SONY
EFFECTIVE PIXELS	PAL : 500(H) x 582(V)
SYNC. SYSTEM	INTERNAL
RESOLUTION	420 TV LINE
MINIMUM ILLUMINATION	0 Lux (IR LED ON)
S/N RATIO (AGC OFF)	> 48dB
GAMMA CORRECTION	0.45
GAIN CONTROL	AUTO
WHITE BALANCE	AUTO (2500°K ~ 9500°K)
IR LED SPEC	(1). Effective Distance : 40-50m (90 PCS) (2). Peak Emission Wavelength (λ_p) = 850nm (3). LIFE = 8000hrs, Relative Brightness = 85%
EXPOSURE	AUTO E.SHUTTER : 1/60(1/50) ~ 1/100000 SEC
VIDEO OUTPUT	1.0 Vp-p COMPOSITE (75Ω LOAD)
SUPPLY VOLTAGE	DC 12V +/- 10%
POWER CONSUMPTION	1500mA
OPERATION TEMP.	-10°C ~ 50°C
LENS TYPE	16.0mm/F2.0 Board Lens
DIMENSION	123mm(W) x 126mm(H) x 185mm(D)
WEIGHT (g)	1700

BV6200 Series

Indoor Speed Dome

- 1/4" ExView Had CCD
- Built-in Auto Focus / Auto Iris
- 22x Optical Power Zoom Lens
- 10x Digital Zoom (220x Zoom)
- OSD (on Screen Display), 64 Preset Mode
- Min. Illumination: 1.0Lux
- RS-232C TTL Interface
- Manual Pan/tilt Speed: 0.1~36° / sec;
- 0.1~120° / sec; 0.1~240° / sec (option)
- 0~255 address setting
- Low-speed operation has features of stable,
- Ultra-low miscellaneous signal and image without jitter.
- 64 Preset Points Tilt
- Intelligent power-off memory current setting and state



MODEL	BV6221	BV6222	BV6223	BV6224
TYPE	indoor			
SIGNAL SYSTEM	NTSC/ PAL			
IMAGE SENSOR	1/4" ExView Had CCD			
EFFECTIVE PIXELS	NTSC: 768(H) x 494(V) PAL: 752(H) x 582(V)			
LENS	x18 color	X18	X26	X36
DIGITAL ZOOM	X12			
ANGLE OF VIEW (H)	48° (wide) / 2.8° (tele)		54.2° (wide) / 2.2° (tele) 57.8° (wide) / 1.7° (tele)	
OBJECT DISTANCE	1 cm (wide) / 1 m (tele)			
SYNCHRONISATION	INTERNAL / EXTERNAL			
MIN. ILLUMINATION	0.01Lux			
RESOLUTION	Color:480TVL B/W530TVL			
S/N RATIO	> 48dB			
ELECTRONIC SHUTTER	1/60~1/100,000sec(8 Step)			
WHITE BALANCE	AUTO			
GAIN	AUTO / PUSH AUTO			
AE CONTROL	8 Shutter Speed: 1/60(1/50) ~ 1/10,000 Sec			
BLC	ON/OFF			
CAM OPERATION SWITCH	RS-232C TTL Level			
ADDRESS SETTING	0~255			
PAN	360° Continue			
TILT	0°~90°			
MANUAL PAN/TILT SPEED	0.1~120°/sec			
PAN/TILT ACCURANCY	+/-0.10°			
PRESET SPEED	120°/sec			
PRESET POINTS	128			
TOURS	6 PROGRAMMABLE			
CONTROL INTERFACE	Pelco_D/P			
COMMUNICATION	RS485 (+/-)			
CONNECTION	BNC Cable			
OPERATING TEMP.	0°~+50°C			
OPERATING HUMIDITY	0%~90% (Non Condensing)			
POWER SUPPLY	24V AC 2A 60Hz/50Hz			
POWER CONSUMPTION	20W			
CONSTRUCTION	ALUMINIUM			
DIMENSIONS (DXH)	188 x 230 mm			

MODEL	BV6241	BV6242	BV6243	BV6244
TYPE	Indoor			
SIGNAL SYSTEM	NTSC/ PAL			
IMAGE SENSOR	1/4" ExView Had CCD			
EFFECTIVE PIXELS	NTSC: 768(H) x 494(V) PAL: 752(H) x 582(V)			
LENS	x18 color	x18	x25	x36
DIGITAL ZOOM	x12			
ANGEL OF VIEW	48° (wide) / 2.8° (tele)		54.2° (wide) / 2.2° (tele)	57.8° (wide) / 1.7° (tele)
OBJECT DISTANCE	1 cm (wide) / 1 m (tele)			
SYNCHRONISATION	INTERNAL / EXTERNAL			
MIN. ILLUMINATION	0.01Lux			
RESOLUTION	Color:480TVL B/W530TVL			
S/N RATIO	> 48dB			
ELECTRONIC SHUTTER	1/60~1/100,000sec(8 Step)			
WHITE BALANCE	AUTO			
GAIN	AUTO / PUSH AUTO			
AE CONTROL	8 Shutter Speed: 1/60(1/50) ~ 1/10,000 Sec			
BLC	ON/OFF			
CAM OPERATION SWITCH	RS-232C TTL Level			
ADDRESS SETTING	0~255			
PAN	360° Continue			
TILT	0°~90°			
MANUAL PAN/ TILT SPEED	0.1~300°/ sec			
PAN/TILT ACCURACY	+/-0.10°			
PRESET SPEED	Preset Speed: 300°/ sec			
PRESET POINTS	128			
TOURS	6 PROGRAMMABLE			
CONTROL INTERFACE	Pelco_D/P			
COMMUNICATION	RS485 (+/-)			
CONNECTION	BNC Cable			
OPERATING TEMP.	0°~+50°C			
OPERTATING HUMIDITY	0%~90% (Non Condensing)			
POWER SUPPLY	24V AC 2A 60Hz/50Hz			
POWER CONSUMPTION	20W			
CONSTRUCTION	ALUMINIUM			
DIMENSIONS (DxH)	188 x 230 mm			

BV6600 Series

Outdoor Speed Dome

- 1/4" SONY Super Had CCD
- Built-in Auto Focus / Auto Iris
- 22x Optical Power Zoom Lens
- 10x Digital Zoom (220x Zoom)
- OSD (on Screen Display), 64 Preset Mode
- Min. Illumination: 1.0 Lux
- RS-232C TTL Interface
- Manual Pan/tilt Speed: 0.1~36°/ sec;
- 0.1~120°/ sec; 0.1~240°/ sec (option)
- 0~255 address setting
- Low-speed operation has features of stable,
- Ultra-low miscellaneous signal and image without jitter.
- 64 Preset Points Tilt
- Intelligent power-off memory current setting and state
- IP 66 water-resistant
- Built-in heater



MODEL	BV6621	BV6622	BV6623	BV6624
TYPE	Outdoor			
SIGNAL SYSTEM	NTSC/ PAL			
IMAGE SENSOR	1/4" ExView Had CCD			
EFFECTIVE PIXELS	NTSC: 768(H) x 494(V) PAL: 752(H) x 582(V)			
LENS	x18 color	x18	x26	x36
DIGITAL ZOOM	x12			
ANGLE OF VIEW (WIDE / TELE)	48° / 2.8°		54.2° / 2.2°	57.8° / 1.7°
OBJECT DISTANCE	1 cm (wide) / 1 m (tele)			
SYNCHRONISATION	INTERNAL / EXTERNAL			
MIN ILLUMINATION	0.01Lux			
RESOLUTION	Color:480TVL B/W530TVL			
S/N RATIO	> 48dB			
ELECTRONIC SHUTTER	1/60~1/100,000sec(8 Step)			
WHITE BALANCE	AUTO			
GAIN	AUTO / PUSH AUTO			
AE CONTROL	8 Shutter Speed: 1/60(1/50) ~ 1/10,000 Sec			
BLC	ON/OFF			
CAM OPERATION SWITCH	RS-232C TTL Level			
ADDRESS SETTING	0~255			
PAN	360° continue			
TILT	0°~90°			
MANUAL PAN/TILT SPEED	0.1~120°/ sec			
PAN/TILT ACCURANCY	+/-0.10°			
PRESET SPEED	Preset Speed: 120°/ sec			
PRESET POINTS	128			
TOURS	6 PROGRAMMABLE			
CONTROL INTERFACE	Pelco_D/P			
COMMUNICATION	RS485 (+/-)			
CONNECTION	BNC Cable			
OPERATING TEMP.	0°~+50°C			
OPERATING HUMIDITY	0%~90% (Non Condensing)			
HEATER OPERATE	6°C ON / 14°C Off f			
INGRESS PROTECTION	IP66			
POWER SUPPLY	24V AC 2A 60Hz/50Hz			
POWER CONSUMPTION	20W			
CONSTRUCTION	ALUMINIUM			
DIMENSIONS	188 x 230 mm			

MODEL	BV6641	BV6642	BV6643	BV6644
TYPE	Outdoor			
SIGNAL SYSTEM	NTSC/ PAL			
IMAGE SENSOR	1/4" ExView Had CCD			
EFFECTIVE PIXELS	NTSC: 768(H) x 494(V) PAL: 752(H) x 582(V)			
LENS	x18 color	x18	x26	x36
DIGITAL ZOOM	x12			
ANGLE OF VIEW	48°(wide) / 2.8°(tele)		54.2°(wide) / 2.2°(tele)	57.8°(wide) / 1.7°(tele)
OBJECT DISTANCE	1 cm (wide) / 1 m (tele)			
SYNCHRONISATION	INTERNAL / EXTERNAL			
MIN ILLUMINATION	0.01Lux			
RESOLUTION	Color:480TVL B/W530TVL			
S/N RATIO	> 48dB			
ELECTRONIC SHUTTER	1/60~1/100,000sec(8 Step)			
WHITE BALANCE	AUTO			
GAIN	AUTO / PUSH AUTO			
AE CONTROL	8 Shutter Speed: 1/60(1/50) ~ 1/10,000 Sec			
BLC	ON/OFF			
CAM OPERATION SWITCH	RS-232C TTL Level			
ADDRESS SETTING	0~255			
PAN	360° Continue			
TILT	0°~90°			
MANUAL PAN/TILT SPEED	0.1~300°/ sec			
PAN/TILT ACCURACY	+/-0.10°			
PRESET SPEED	Preset Speed: 300°/ sec			
PRESET POINTS	128			
TOURS	6 PROGRAMMABLE			
CONTROL INTERFACE	Pelco_D/P			
COMMUNICATION	RS485 (+/-)			
CONNECTION	BNC Cable			
OPERATING TEMP.	0°~+50°C			
OPERATING HUMIDITY	0%~90% (Non Condensing)			
HEATER OPERATE	6°C ON / 14°C Off f			
INGRESS PROTECTION	IP66			
POWER SUPPLY	24V AC 2A 60Hz/50Hz			
POWER CONSUMPTION	20W			
CONSTRUCTION	ALUMINIUM			
DIMENSIONS	188 x 230 mm			

BV9100 Series

Pure Flat Color Monitor

- Multi-Language On Screen Display user control
- Over/Under scan (Push-push type on front panel)
- Super high performance with high resolution
- 800TV lines (BV9117) 500 TV lines (BV9121)
- Built-in 3 Channels switch by manual
- Auto loop through
- Built-in microprocessor digital control
- Durable metal cabinet
- Dual scanning system NTSC/PAL compatible
- Universal power input AC 100 ~ 240V
- Built-in crisp and clear speaker



MODEL	BV9117	BV9121
PICTURE TUBE	17" color CDT	21" color CDT
HORIZONTAL RESOLUTION	>800 TV lines (Center)	>500 TV lines (Center)
SCANNING FREQUENCY	15.734 KHz/60 Hz (NTSC) 15.625 KHz/50 Hz (PAL)	
VIDEO INPUT	COMPOSITE VIDEO 1.0 V p-p 75 Ω	
VIDEO CONNECTIONS	Video BNC in x 2, Y/C in x 1 Video BNC out x 2, Y/C out x 1	
AUDIO CONNECTIONS	RCA in x 3 RCA out x 3	
CONTROL FRONT	POWER ON/OFF, O/U scan, OSD for..	
ASPECT RATIO	4:3	
COLOR TEMPERATURE	9300°K (NTSC) / 6500°K (PAL)	
POWER INPUT	AC 100 ~ 240V, 50/60 Hz	
POWER CONSUMPTION	100W max	130W max
DIMENSIONS (W x H x D) PACKING	575 x 523 x 548 mm	648 x 645 x 640 mm
PRODUCT	416 x 400 x 417 mm	492 x 474 x 482 mm
WEIGHT NET	20 Kg	27 Kg
GROSS	21 Kg	29 Kg
OPERATING HUMIDITY CONDITION	10% ~ 90%	
OPERATING TEMPERATURE RANGE	-10°C ~ +50°C	

BV9200 Series

Eco LCD Display

- High brightness
- High contrast up to 800:1
- Multi video system (NTSC/PAL/Auto)
- High speed response time
- Wide viewing angle
- 500TVL horizontal video resolution
- Adaptive 3D comb filter and 3D de-interlace
- User-friendly front control and OSD multi-language support
- Anti-reflective strengthen glass (optional)
- Wall mount and rack mount bracket (optional)
- Key lock function



MODEL	BV9215	BV9217	BV9219
LCD DISPLAY	15" active matrix TFT	17" active matrix TFT	19" active matrix TFT
MAX. RESOLUTION	1024(H) x 768(V)XGA	1280(H) x 1024(V)SXGA	1280(H) x 1024(V)SXGA
FREQUENCY	56-75Hz		
CONTRAST RATIO	400:01:00	500:01:00	500:01:00
BRIGHTNESS	350cd/m2	420cd/m2	400cd/m2
RESPONSE TIME TR + TF	4/12ms	6/12ms	5.6/2.4ms
DISPLAY COLOR	16.2M		
VIEWING ANGLE L/R	60° / 60°	70° / 70°	70° / 70°
VIEWING ANGLE UP/DOWN	40° / 60°	60° / 70°	60° / 70°
DISPLAY MODE	VGA, Video & S-Video		
OSD MENU	VGA, Brightness, Contrast, H-Position, V-Position, Clock, Phase, Color Temp. User, Color-R/G/B, OSD-H-Pos, OSD-V-Pos, Volume, Language, Recall VIDEO Color, Tint (NTSC only), Brightness, Contrast, Sharpness, Volume, Language, Color Temp, Recall		
POWER SUPPLY	DC 12V/4.16A 50/60Hz		
POWER CONSUMPTION	30W	40W	40W
NET (W x H x D)	364 x 316 x 170	386 x 388 x 170	424 x 419 x 170
PACKING (W x H x D)	491 x 422 x 242	519 x 507 x 244	519 x 507 x 244
WEIGHT (KG)	NW:4 / GW:6	NW:5.2 / GW:7.2	NW:6.1 / GW:8.4