



FEATURES

- 1/3" interline transfer CCD
- 540 TVL
- Integrated **computer** varifocal auto iris lens
- f3.3-12mm
- Build in 20 IR LEDs
- Light activated photocell turns on IR lights at night
- Day/Night function: Mechanical or Digital
- Internal and External focus/zoom adjustment models
- 12VDC/24VAC, auto sensing dual voltage

ZC-BT series

→ Internal Focus/Zoom Adjustment

- ZC-BT4312PHA - Digital D/N
- ZC-BNT4312PHA - Mechanical D/N

ZC-BX series

→ External Focus/Zoom Adjustment

- ZC-BX4312PHA - Digital D/N
- ZC-BNX4312PHA - Mechanical D/N





SPECIFICATIONS					
Model name		ZC-BT4312PHA	ZC-BNT4312PHA	ZC-BX4312PHA	ZC-BNX4312PHA
TV system		PAL			
Scanning system		2:1 Interlace			
Image sensor		1/3"-Type Interline transfer CCD			
Effective elements		752 (H) x 582 (V)			
Scanning frequency		15.625kHz (H) x 50.00Hz (V)			
Video output		1.0V p-p / 75Ω			
Horizontal resolution		540 TVL			
Min. Illuminance		0 lux (B/W Mode - at IR LED ON)			
Day / Night		Digital Day / Night	Mechanical Day / Night	Digital Day / Night	Mechanical Day / Night
S/N ratio		More than 50 dB (at minimum AGC gain)			
Gamma characteristic		0.45			
IR Illumination		20 IR LEDs			
Sync. System		Internal only			
Electronic shutter		1/50 sec. (FL OFF), 1/120sec. (FL ON) * No FL function on ZC-BX(BNX) models			
White balance		ATW			
Power supply		AC 24V ± 10%, 50 ± 1Hz, DC 12V ± 10%			
Power consumption	DC 12V	6W			
	AC 24V	5.5W			
Ambient temperature		Operation: -10° C to +50° C / Storage: -20° C to +60° C			
Ambient humidity (No condensing)		Operation: Max. 85%RH / Storage: Max. 95%RH			
IP rating		IP66		IP55	
External dimensions		117(L) x 84Φ (Included sunshield)			
Weight		650g			
Adjustment volumes		DC Iris Adjustment		Factory set	
Switches, Bolts		Dip Switch		ALC * ELC and BLC ON/OFF by MCB	
Accessories		Wrench, Bracket Tapping Screw (M4x20 : 3pcs), Template, Instruction Manual, Additional Power Connector			
LENS SPECIFICATIONS					
Max. aperture ratio		1:1.4 - 2.9			
Focal length		3.3mm - 12mm			
Iris (DC auto iris)		F1.4 - F360C			
Angle of view (Wide to Tele)	D	125.70° - 29.90°			
	H	89.80° - 23.90°			
	V	63.60° - 17.90°			

