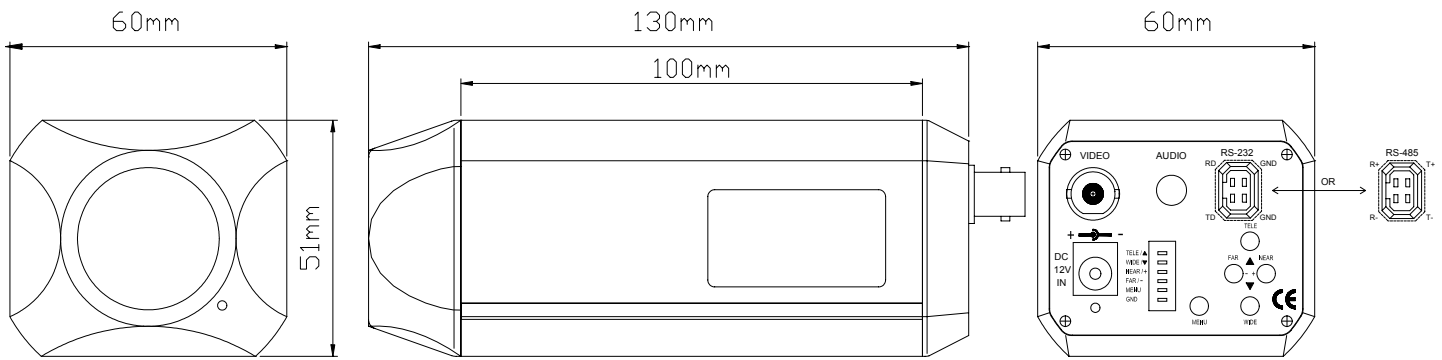


YOKO 22x Zoom Auto-Focus 1/4" Color CCD Camera

MODEL: YK210Z2 / YK210Z4

2003/10/8



FEATURES

- 1/4" High Resolution Color CCD Camera.
- Supports powerful function: Auto Iris Control (AIC), Auto White Balance (AWB), Auto Gain Control (AGC), Auto Back Light Compensation (ABLC), Flickerless (FL) and Auto Focus (AF).
- 22X Optical Zoom Lens and 16X Digital Zoom. (Total 352X Zoom).
- On Screen Display (OSD) Set-Up Menu.
- Digital Remote Control via RS-485 / RS-422 or RS-232.
- Dry-Contact Remote Control via 6-pin Connector.
- Built-in 5 keys to Control Zooming and Focusing Function, and Set-up Menu adjustment.
- Built-in Audio.

SPECIFICATIONS (Note: Design and specifications are subject to change without prior notice.)

Signal System	NTSC Color	PAL Color
Image Pick-up Device	SONY 1/4" Super HAD High-Resolution Color CCD sensor	
Total Pixels No.	811 (H) x 508 (V) 410K	795 (H) x 596 (V) 470K
Effective Pixels No.	768 (H) x 492 (V) 380K	752 (H) x 582 (V) 440K
S/N Ratio	More than 48 dB	
Horizontal Resolution	More Than 450 TV Lines	More Than 450 TV Lines
Lens	22X Zoom (F1.6 ~ 3.7, f=3.9mm~85.8mm), Video AF	
Min. Shooting Distance	0.01m (WIDE), 1.0m (TELE)	
Minimum Illumination	1 Lux	
Digital Zoom Ratio	Basic X 16 (Total Zoom Ratio X 352), X2 ~ X16 Variable	
Synchronous System	Internal	
OSD (On Screen Display)	OSD On (Menu, Zoom, Focus, WBC, BLC, Shutter, CAM ID, User Title) / Off	
Video Output	Composite Video 1Vp-p, 75Ω, BNC	
Audio output	2Vp-p, 50Ω	
Camera Control	Either RS-232 or RS-485 optional (2.4K / 4.8K / 9.6K / 19.2K / 38.4K BPS)	
Zoom Speed	5 Sec Mode / 7 Sec Mode / 9 Sec Mode	
Focus Mode	Auto / Manual / Push Auto	
Brightness Control	Manual (Brightness Up / Down)	
White Balance	Auto / Hue / Indoor / Outdoor / Manual / Push Auto	
Iris control	Auto / Manual (Iris Up / Down)	
AGC Control	Auto / Manual (1 dB ~ 26 dB Control)	
Day / Night	On / Off	
Shutter Speed	1/60 ~ 1/30,000 Sec 29 Steps	1/50 ~ 1/30,000 Sec 29 Steps
Flickerless Mode	Off / On (1/100 Sec Shutter Set)	Off / On (1/120 Sec Shutter Set)
Back Light Compen.	On / Auto (Center / Up / Down / Left / Right) / Off	

Negative / Positive	Negative On / Off
Color Control	On / Off
Wide Burst	On / Off
Zoom / Focus Preset	128 Mode Set / Move (Store with Internal EEPROM)
Dry-Contact Remote Control	6-pin connector: Tele, Wide, Near, Far, Menu, GND
Key Control	Tele (Up), Wide (Down), Near (+), Far (-), Menu
Operating Temperature	-5 ~50
Operation Humidity	0 % RH ~ 60 % RH
Supplied Voltage	12V \pm 10% (Recommendation 12 \pm 0.5 V)
Power Consumption	Max 4.1 W

* BOLD: Default Mode