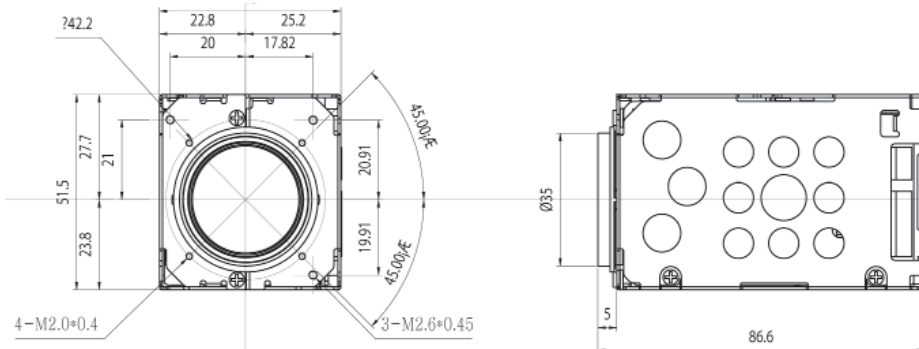


Product Features

- 1/4" SONY ExView CCD
- Built-in auto focus/auto iris
- 27x optical/10x digital zoom (max. 270x) zoom lens
- Day/night
- On-screen menu control (OSD)
- 6 backlight compensation (BLC) zones
- Motion detection
- Digital slow shutter (DSS) 0.00005 Lux for better night-time sensitivity
- Vertical/horizontal flip
- Digital noise reduction
- RS232
- Privacy Function



Pin No.	Name
1	COUT (chrominance)
2	YOUT (luminance)
3	GND (ground)
4	VOUT (CVBS)
5	12V (9.5V~15V)*
6	KEY1 (zoom)
7	KEY2 (zoom)
8	RXD (RD RS-232C)
9	TXD (TD RS-232C)
10	GND (ground)

* Startup current 1Amp

Technical Specifications

Electrical	20Z404-27XF	21Z404-27XF
	NTSC	PAL
Image Sensor	1/4" SONY ExView CCD	
Total Pixels (HxV)	811 x 508 410K	795 x 596 470K
Active Pixels (HxV)	768 x 494 380K	752 x 582 440K
Horizontal Resolution	580 TVL	
Scanning System	2:1 Interlace	
Scanning Frequency (HxV)	15.734 kHz x 59.94 Hz	15.625 kHz x 50 Hz
Sensitivity	Day Mode Min. illumination 0.5 lux (30IRE)	
	Night Mode 0.1 lux (30IRE)	
	DSS 0.00005 lux (128FLD, 30IRE)	
Signal To Noise Ratio	> 50dB (AGC Off)	
AGC	Auto/manual (0~255)	
Synchronization	Internal/line lock	
Electronic Shutter	Auto (8 steps)/ flickerless	
	1/60 ~ 1/10,000s	1/50 ~ 1/10,000s
Mirror Mode	On/off	
Motion Detection	On/off (4 programmable zones per screen)	
Video Output	1.0 Vp-p (75 Ohm, composite)	
Power Supply	9.5V~15V (recommended 12.0VDC ±0.5V)	
Supplied Current	Startup 1Amp	
	Steady state 240mA	
Power Consumption	4.56W (max)	
Control Communication	RS-232C	
Protocol	Pelco-D/Pelco-P	

Environmental

Operating Temperature	-5°C ~ 50°C (23°F ~ 122°F)
Operating Humidity	20% ~ 60% RH
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Storage Humidity	90% RH

Mechanical

Dimensions W x H x D	65mm x 62mm x 122mm (2.6" x 2.4" x 4.8")
Weight (Net)	325g (11.46 oz)
Lens	Built-in
Optical Zoom	27x F=3.6 - 97.2mm (f1.6)
Digital Zoom	10x
Field of View (Degrees)	H 55.21 (wide) 2.12 (tele) V 42.16 (wide) 1.60 (tele)

OSD (On-Screen Menu)

Backlight Compensation	Normal/ High/ Low (6 BLC zones)
White Balance	Auto/ Push Auto/ Outdoor/ Indoor/ Manual (2000°K ~ 10000°K)
Brightness	Manual
Sharpness	Manual
Flickerless Mode	Off/ On
Digital Slow Shutter	2FLD~128FLD/ off
Day/Night	Auto (ICR), Day, Night, ext.
Digital Noise Reduction (DNR)	Off/ High/ Middle/ Low
Focus Mode	Auto/ Manual/ Push
Flip	Horizontal/ Vertical