

### VSD128-HD33B / VSD128-HD33B-IR

IP Surveillance Equipment

HD-SDI / 3G-SDI Equipment

AHD / TVI / CVI Equipment

HDMI / VGA Equipment

Speed Dome Camera

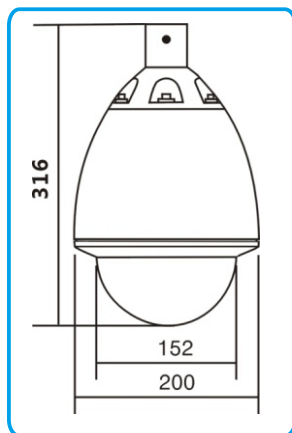
Matrix Switcher Solutions



**Features :**

- \* low power circuit design, 7.8-inch bubble
- \* 0.9 motor drive ,1/32 stepover power drive and circuit drive subdivision, smooth operation, accurate positioning
- \* Built-in memory to store the setting data ,which can not be lost after power off
- \* Continuous 360°pan, tilt turning(180° auto flip)
- \* Variable pan speed-between 0.1-240°/s  
Variable tilt speed-between 0.1-180°/s
- \* Auto flip 360°continous pan
- \* 128 preset ,5 tour routes
- \* Turning speed automatically adjusts along with lens zooming to locate object exactly by large magnification
- \* Preset point function, position and duration adjustable
- \* Call preset position speed:pan 250°/s,tilt200°/s
- \* Protocol compatible; RS-485interface
- \* Weather proof design,protection grade IP66
- \* Built-in heater and blower
- \* Built-in power surge/ lighting protection

unit:mm



	VSD128-HD33B	VSD128-HD33B-IR
<b>Camera</b>		
Image Sensor	1/2.9" Progressive Scan CMOS Image Sensor	
Signal format	AHD/TVI/CVI/CVBS Video Signal Mode	
Effective Pixels	1920(H) x 1080(V)	
Minimum Illumination	Color:0.5Lux BW:0.05Lux F1.4(ICR On)	
White Balance	Auto	
AGC	Auto	
Noise ratio (S / N)	>50dB (AGC Off)	
Day & Night	IR-Cut , AUTO / COLOR / BW	
Focus	Auto / Manual	
Iris	Auto Iris	
Shutter Speed	Auto / Manual 1/30~1/10,000sec	
Slow shutter	Support	
Synchronization	Internal Synchronization	
Video output	Optional switching AHD/TVI/CVI/CVBS Signal	
Backlight Compensation	Auto	
Mirror	Support	
Exposure	Auto	
Brightness	Support	
Sharpness	Support	
Contrast	Support	
Saturation	Support	
<b>Lens</b>		
Optical lens	x33 optical zoom	
Focal Length	f=4.6mm~152mm F1.6(W)~CLOSE	
Digital Noise Reduction	2D/3D-DNR	
AE	AUTO	
<b>PTZ Function</b>		
Pan/Tilt Range	Pan: 360 degrees endless Tilt: 0°~ -90° degrees	
Pan Speed	Manual : 0.1°~240°/s, preset speed : 250°/s	
Tilt speed	Manual : 0.1°~180°/s, preset speed : 200°/s	
Preset	128	
Scan Speed	Speed adjustable	
Protocol	PELCO-D/P	
<b>Operation Setting</b>		
Tour	5 Groups Each group can be set up to 16 preset points	
Limit scan	Support	
Pattern scan	Support	
Auto scan	Support 360° Auto Scan	
<b>Alarm (optional)</b>		
Alarm In	4CH	
Alarm Out	1CH	
<b>Infrared</b>		
Infrared mode	-	Auto/Manual
Lamp layout	-	Array IR LEDs
Irradiation distance	-	60M
<b>General</b>		
Power	12VDC±10%	
Consumption	10W/20W(IR on)/50W( heater on)	
Dimension	φ200 x 316 mm	
Working Temp.	-40°C ~ 65°C(outdoor)-10°C ~ 50°C(indoor )	
Working Humidity	humidity less than90%	
Protection grade	IP66,3000V lightning protection	