



IP 68 WATERPROOF (SUBMARINE MOTION)

All joints are designed to be completely waterproof and when operated, Pan/Tilt can move without any Waterproof issues by using special sealing oil on the axis of rotation.



PAN/TILT TORQUE COMPENSATION

Pan/Tilt Torque vibration sensor keeps the Pan/Tilt Motor securely in place during strong winds.

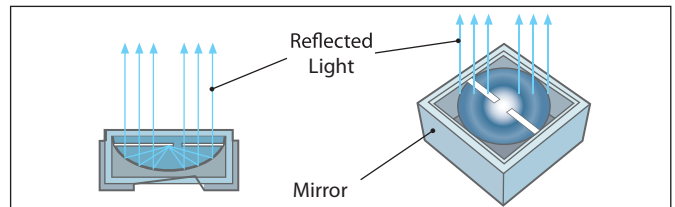


<Vibration Sensor>

HIGH-QUALITY LED ADOPTED

LED Design with Mirror makes the light straight that brings low-heat with low-power and high-illumination possible.

better LED Brightness with same amount of electric current as others.



Reliable Material – Made in Japan
1,000h made on 90° C, -30° C and 60° C/RH 90%

THE WORLD'S FIRST 360° ENDLESS PAN/TILT MOTION

DKE IR PTZ camera adopted digital flip and the world's first 360° endless Pan/Tilt so that you can operate the Camera on any angle.



TEMPERED GLASS ADOPTED DEW CONDENSATION PREVENTION

The Tempered Glass that is specially coated prevents dew condensation, rain and dust from being formed.

The toughened glass makes no scratches so that you can keep a clear image all the time.



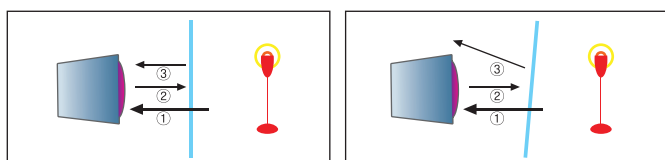
RELIABLE DURABILITY

DKE IR PTZ Camera adopted Pan/Tilt Axls having TEFLON Coating from Dupon brand specializing in non-adherence, low-friction figures, heat-resistance, cold-resistance and chemical-resistance.

The features keep the internal structure from being contaminated by weather conditions such as rain and snow so that it remains strong and stable.

TILT GLASS PROTECTING FROM REFLECTION

The glass of Camera is designed to be tilted in order to protect from reflection when having strong light such as street lamp.



<TEFLON Coating PAN/TILT Axis>

IR-HD2-PTZxx SERIES

HD-SDI PTZ CAMERA

DKE | WE MAKE DIFFERENT!

Perfect Surveillance!



Full HD
1920x1080

IR-HD2-PTZ SERIES FEATURES

- Extreme Weatherproof use IR PTZ
- World's first 360° endless Pan/Tilt motion
- No blind Spot monitoring
- Temperature monitoring system
- 1,000 hours Salty Waterproof (Optional)
- 3G Vibration test Certified (Optional)

IP
68



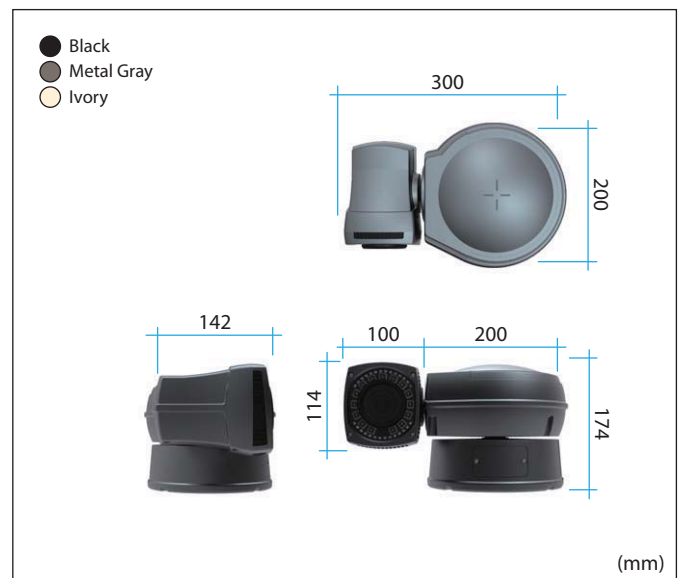
IR-HD2-PTZ SERIES SPECIFICATIONS

Model	IR- HD2-PTZ20/30	IR- HD25-PTZ20
PAN/TILT		
Pan Rotation Angle	0° ~ 360°Endless	
Pan Speed	Manual : 0.1~200°/sec (64step), Preset : MAX 300°/sec	
Tilt Rotation Angle	0° ~ 360°Endless	
Tilt Speed	Manual : 0.1~200°/sec (64step), Preset : MAX 300°/sec	
System Accuracy	0.009°	
FUNCTION		
Preset	165 Positions (Freeze Preset and AF / MF Preset available)	
Group Tour	Max. 8 Programmable group tour	
Auto Scan	(each one consisting of up to 60 preset steps with different steps) Programmable Auto Scan	
Pattern	8 Programmable Patterns (total 480 seconds)	
Sector	8 Selectable Sectors with 16 characters	
Home Position (Recover)	Yes (Auto/recover) / Preset / Tour / Pattern / Scan / OFF)	
Password Protection	Yes	
Privacy Zone	8	
Image Stabilizer	No	Yes
Recover Origin	Yes	
WDR (SSDR)	Yes	
DNR (SSNR)	Yes	
DSS (Sens-Up)	On / Off	
BLC	On / Off	
HLC	N/A	Yes
Day & Night	Auto / Day / Night	
Shutter Speed	AUTO / 1/1 ~ 1/25(DSS ON), 1/50 ~ 1/10000 x60 ~ x2 (SensUp), 1/30 ~ 1/33000	
Flickerless	On / Off	
Alarm Input	4 alarms (with various programmable states)	
Alarm Actions	Activate preset, Group Tour, Pattern or Relay output per alarm input	
Aux Output	2 Relay	
Auto Flip	Yes (Digital Flip)	
OSD Menu	Yes	
Communication	RS - 485	
Protocol	Pelco D/P	
IR Mode	Visual Distance : 50m	
POWER		
Power Consumption	AC 24V 2.1A [50.4W] MAX (With Heater)	
Power Supply	AC 24V 50/60Hz 2.5A (With Heater)	
OTHERS		
Construction	Aluminum die casting	
Motor Type	Stepping motor (2 Phase)	
Micro Steps	1/16 Micro Step	
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)	
Operating Temperature	-30°C ~ 50°C (-40°F ~ 122°F) 100% humidity. The first start-up camera from storage condition over 0°C (32°F)(No Heater)	
Certifications	CE, FCC, IP68	
CAMERA MODULE		
Image Sensor	1/2.8 Type Exmor CMOS Sensor	1/3 inch, PS CMOS
Resolution	1920 x 1080p 30fps	
Lens	20X, f=4.7 to 94mm (F1.6 ~ F3.5) 30X, f=4.6 to 138mm (F1.6 ~ F4.7)	20X, f=4.45 to 89mm (F1.6 ~ F2.9)
Min. Illumination	Color (ICR ON) 0.5Lux(High Sensitivity mode ON/DSS OFF) B/W (ICR ON) 0.095Lux(High Sensitivity mode ON/DSS OFF)	Color (ICR ON) 1.5Lux / F1.6 (SOIRE, DSS OFF) B/W (ICR ON) 0.1Lux / F1.6 (SOIRE, DSS OFF)
Luminance S/N Ratio	More than 50dB	
Video Output	HD-SDI output 75Ω Terminated	

IR-HD2-PTZ SERIES FEATURES * Accessory page references.



IR-HD2-PTZ SERIES DIMENSION



WE MAKE DIFFERENT!