Long Distance PTZ Infrared Laser Night Vision Camera

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RC Series long-range HD infrared night vision camera is designed for 24 hours monitoring. With super homogenizing NIR laser and low illumination megapixel telephoto lens. The max detection distance for human/car/object is 10 km in the day and 4 km in the night

Built-in technical grade embedded control electronic system, the camera operation like zooming, focusing, video switch rotation is stable and accurate. One integral aluminum alloy housing and weatherproof IP66 (IP67 for option) make sure it works well outdoor.

Feature

1. DSS digital stepper illumination angle control, unique laser zooming and distance matching technology, min 0.1° follow-up zooming.
2. GHT super homogenizing and power consumption control of NIR laser ensure a better effect.
3. Independent laser photoswitch.
4. 360° continuously rotation PT, rotation stably.
5. One integral aluminum alloy housing, IP66 ingress protection, waterproof, dustproof.

Application

Oilfield monitoring, navigation, fishery, aquaculture, railway&freeway security,
seaport&airport security, mariculture security, city security and forest fire prevention

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Technical Specifications

Model	DNVC-PTZ214010	DNVC-PTZ326212	DNVC-PTZ527215	DNVC-PTZ103820
Detection	Day: 2km Night: 1km	Day: 3km Night: 1.5-2km	Day: 5km Night: 2-2.5km	Day: 10km Night: 3-4km
Consumption	10W 810nm NIR	12W 810nm NIR	15W 810nm NIR	20W 810nm NIR
Laser Angle	1° -20°	0.7° -20°	0.5° -20°	0.3° -20°
Angle and Distance Mathing	DSS digital stepper illumination angle control, unique laser angle and distance matching technology, min O.1° follow-up zooming GHT-II super homogenizing HD illumination technology 0.01 OSLM optical axis aiming and locking			
Camera	Ultra-low illumination starlight CMOS Minimum illumination: 0.0005 Lux Lux (black) 8mm-320mm lens 40X zoom Auto Focus	8mm-500mm lens 62X zoom Auto Focus	11mm-800mm lens 72X zoom Auto Focus	12mm-1000mm lens 83X zoom Auto Focus
	Focus: Manual/Auto focus, support multiple triRRer modes Auto İris: support Image process: support white balance, electronic shutter, frame accumulation, backlight compensation, strong light suppression, 2D/3D DNR, and so on Support electronic fog penetration and optical fog penetration			
Video Audio	Visible camera resolution: 1920x1080; 1280x1024; 1280x960; 1024x768; 1280x720; 704x576; 640x512; 640x480; 400*300; 384x288; 352x288; 352x240 3.Video encoding: H.265/H.264/MJPEG, multi-stream support 4. Video code 5.Audio encoding:G.71 IA/ G.711U/G726			
Intelligent Analysis	1. Support intrusion detection, cross-line detection, entry/exit area detection, motion detection, Deep learning: 2. support human/vehicle/animal recognition, support ship recognition, support firework recognition; 3. Automatic tracking: support single scene tracking/support multiple scene tracking/support panoramic tracking/support alarm linkage			
Housing And PTZ	1. PTZ rotation: pan 360° ; Tİlt + 45° 2. Rotation speed: Pan 0.01-30°/S; Tilt:0.01-15° /S 3. Housing: High-strength aluminun alloy, PTA three anti-corrosion coating, anti-corrosion 4. Wiper: support 5. Defrost: Support			
Interface	1. Communication and control: RJ45 2. Protocol: support HTTP, HTTPS, FTP, SMTP, ONS, NTP, RTSP, RTCP, RTP, TCP, 3. UDP, ICMP, DHCP; support ONVIF and GB28181			
Environmental indicators	1. Working temperature: -40°C - +60°C 2. Working humidity: < 95%RH 3. Protection level: IP66 4. Anti-salt fog: in the PH value Of 6.5 - 7,2, continuous spraying for 96 hours, no change on the surface 5. Anti-surge: built-in surge protection for the interface circuit, 6000V anti-surge			

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