

WEATHERPROOF IR PTZ CAMERA

WCA Series



“Walking around the street with robotic Pan/Tilt mechanism”

Metal full-motorized Pan/Tilt mechanism in heavy duty housing :

Efficient for using in the area where there is harshest environments and wide range of surveillance area, such as oil plant base, chemical factory, industrial area, high voltage current substation, power station, sports stadium and so on, effective for watching equipment and safety production.

- **63 preset position :**
Permitting fastest recall with an accuracy of 0.25°
- **360° of continuous panning & 110° of smooth tilting :**
Precise and efficient Pan and Tilt mechanism ensures direct and accurate target positioning.
- **4 Auto scan set of panning and tilting speed :**
The precision panning and tilting speed governed by the metal motor circuitry can be remotely set for 4 Auto Scan with programmable speed and diagonal scan.



WEATHERPROOF IR PTZ Camera

Noiseless slip ring for 360° Endless rotation & Auto Flip



The 360° full pan function moves through a max 110°/sec enabling you to quickly pinpoint the spot you want to watch. Tilt speed provides through a max 60°/sec on preset with Auto Flip function.

Built-in Fan & Heater



It is equipped with fan and heater as a thermostat and protecting the dome from a wide range of outside temperatures. Fan is operated over 40°C for reducing heat and heater is operated below 10°C for preventing ice from forming on the outside glass.

Built-in High-sensitivity zoom(26x, 36x, 37x)



The zoom lens assy incorporates such new and unique spherivalry features such as Enhanced Spherivalry Privacy Zone Masking Function for use with pan/tilt system.

IP66 Weatherproof



The unit is duly passed IP66 international weatherproof standard, allowing the camera to be operated safely from even extremely harsh water storming weather condition.

Image Stabilizer



The image stabilizer function minimizes the appearance of shaky images caused by low-frequency vibration and maintains a normal horizontal resolution. This function is useful for outdoor surveillance and traffic monitoring applications.

Advanced WDR



It carries out a precise analysis on different extreme light levels to get detailed information from the darker portions without any saturation. There are no limitations in the zone areas by enhancing the WDR image and removing Noise.

Specifications

Mechanical

Pan	360° Endless Pan 0.1° to 100°/sec
Preset Speed	110°/sec, ± 0.1° Accuracy
Tilt	-20° to 90° tilt angle (64steps proportional to zoom)
Preset Speed	60°/sec, ± 0.05° Accuracy
Weight	3.75kg
Dimensions	138(Ø) X 208.81(H)

Environmental

Ingress Protection	IP66 (Outdoor housing)
Construction	Aluminum
Color	Black or Cool Gray
Operating Temp	Indoor: 0°C to 50°C/Outdoor: -30°C to 50°C(with Outdoor Housing)
Storage Temp	-30°C to 50°C
Humidity	0% to 90%

Functions

Preset	63 points less than 0.1° accuracy
Tour	8 programmable
Pattern	4 patterns
Flip	Digital / Auto / Off (rotate 180° at bottom of tilt)
Auto Scan	4 (programmable speed and diagonal scan)
Privacy Zone	2 blocks with title (Masking / Video off)
Address	Up to 255 selectable ID (Rotary switch)
Control	RS-485 / RS-422
Alarm In	Multiple protocol (Auto detection)
Alarm Out	2 alarm (NO/NC, Priority)
Display	2 relay out (Hold, Latch)
	4 Area title
	Zone title on/off (start / end zone)

Electrical

Power	DC 12V, 22W, 1.5A(with extra light 3A) (Power adaptor not included)
Consumption	18.0 W (1.0A Max)
Fan & Heater	42W

Sister Products



WCA-Series
Armored IR PTZ Camera

WCA-E261R(RED)
WCA-E261W(WHITE LED)
Armored IR PTZ Camera

WCC-E261
Endless Speed PTZ Camera



WCM-101
Mini Endless Speed PTZ Camera

WCM-101R
Mini Endless Speed IR PTZ Camera

WTX-2000S
One to one direct connection to camera

MADE IN KOREA

WONWOO
WONWOO Engineering Co., Ltd

CE FC RoHS
03 1897

KOREA

7F 201, Techno-park III Biz-city, 36-1, Samjeong-dong, Ojeong-gu, Bucheon-City, Gyeonggi-Do, Korea
Tel : 82 32 676 0168 / Fax : 82 32 681 7880

Website : www.goodome.com / E-mail : sales@goodome.com

USA

2580 E. Philadelphia St. Suite A Ontario, CA 91761
Tel : 909 930 2320 / Fax : 909 930 2321 / Toll : 888-4-WON-WOO, 888-4-966-966
Website : www.wonwoousa.com / E-mail : sales@wonwoousa.com