

Features

- Up to 1920X1080 High Resolution
- H.265 Codec
- Smart IR Range :15 ~ 90 m
- Onvif Profile S Compliant
- MicroSD Card Slot
- Triple Streams
- WDR 120dB
- IP IP67
- IK 10 Vandal proof
- POE or 12VDC
- CE, FCC

RB-PKM220SI

Specifications

Camera

Image Sensor	1/2.8" CMOS
Signal System	PAL/NTSC
Min. Illumination	Color : 0.002 Lux(F1.6,AGC ON) B/W: 0.001Lux(F1.6,AGC ON); 0 Lux with IR
Shutter Time	1/1-1/100000s
Day & Night	IR Cut Filter with Audio Switch
Wide Dynamic Range	140dB
Digital Noise Reduction	3D DNR

Lens

Focal Length	9.2mm ~ 98mm, 20x (+Digital X16)
Optical Zoom	Approx 5s(Optical Wide-Tele)
Angle View	62.1°(w) ~ 2.18°(t)
Minimum Working Distance	1-1.5mm (Wide Tele)
Aperture Range	F1.6-F4.8
Digital Zoom	16X
Focus	Auto

Image

Max Image Resolution	1920 X 1080
Frame Rate	30 fps NTSC at Max resolution 25 fps PAL at Max resolution
Triple Stream	Mainstream: 1920x1080@25/30fps;1920*1080@50/60fps;120x960@ Substream: 704x576@25fps;704x480@30fps; 352x288@25fps/352x240@30fps;176x144@25 fps/176x120@30fps 3rd stream: 352x288@25fps/352x240@30fps
Image Settings	Brightness, Saturation, Contrast, Flip Mode Adjustable by Client Software or Web Browser
Corridor Format	Yes, Available for 720P and Above
ROI	8Dynamic Areas for Both Main and Sub Steam
Privacy Mask	24 Dynamic PrivacyMasks Programmable; Optional Multiple Colors
Picture Overlay	16x16, 32x32, 24x24, 48x48, 64x64, 96x96 Size Letters
OSD	Size Time,Date,Week,Character Superposition in 5 Regions PTZ Angle Superposition

Compression Standard

Video Compression	H.265/H.264 HP/MP/BP/M-JPEG
Video Bit Rate	32Kbps ~ 16Mbps
Audio Compression	G.711A/G.711U/ADPCM/AAC
Audio Bit Rate	G711 8KHz, 64kbps ADPCM 8KHz, 32kbps AAC 48KHz, 96 - 320kbps



General

Language	English, Spanish, Italian,French
Operating Conditions	-40°C-70°C, 0 ~ 95%RHG
Weather Protection	IP67
Power Supply	AC24V 3A Independent External Power Adapter
Power consumption	16W/18W(ICR Instant Switch) 32.36 W IR Max ON
Circuit Protection	TVS 6000V, Lightning/Surge Protection 4000V
IR Range	30m ~ 50m
IR LEDs	32pcs φ5 Array IR LEDs
Impact Protection	IK10 Vandal Proof
Dimensions	222mm X 222mm X 317mm (.3KG with pkg)
Weight	5KG (IP PTZ Only), 8.45KG(with Packing Box)

Interface

Audio Input/Output	1-ch Mic in (Line in Interface) Line Input 2-2.4V(p-p); Output 1-ch Line Level
Communication Interface	1-ch RJ45 10M / 100M Ethernet Interface
Alarm Input / Output	1-ch / 1-ch
Video Output	1Vp-p Composite Output (75Ω/BNC, for Internal Setup)
On-Board Storage	MicroSD Card Slot, up to 128 GB
Reset Button	Yes
Extension	USB

Network

Browser	IE8, IE9, IE10, IE11, Chrome30, Firefox24
Network Storage	FTP
Protocols	IPv4/IPv6/HTTP/802.1x/FTP/SMT/UPnP/SNMP/DNS/D
User Permission	UP TO 32 uSERS/4 Level
Remote Connections	5 Users Access at the Same Time
Ethernet	10Base - T/100Base-TX RJ45 Connector

Advanced

Video Analytics	Tripwire, Perimeter, Loitering/Crowd/Parking Detection , Missing/Foreign Object, Fast Moving, Parking
System Compatibility	ONVIF (Profile s) SDK
WBC	Auto/ATW/Manual
AGC	Auto/Manual
S/N Ratio	≥ 55dB
BLC	Yes
HLC	Yes
Smart IR Wide/Tele	Dual IR Mode-10 step IP Level adjustment for Far 10 step level adjustment for Near Auto Smart IR
Intelligent Alarm	Voice Alarm, Motion Detection, Mask Alarm, Port Alarm, Network Disable Alarm, IP Conflict, MAC Conflict Detection Unusual image,scene changing, Mic off

Pan & Tilt

Pan Range	360° Endless
Pan Speed	Pan Manual Speed 0.1° ~ 400°/s (stepless Speed)
Preset Accuracy	±0.02°
Tilt Range	-15° ~ 90° Auto Flip
Tilt Speed	Tilt Manual Speed 0.1° ~ 400°/s
Proportional Zoom	
3D Position	Yes
Number of Preset	500
Scan	8
Cruise	8, Upto 32 Presets per Cruise
Pattern	8, Each One with 600s Memory
Power Loss Recovery	Yes
Guard Action	Preset/Cruise/Pattern/Scan
PTZ Position Display	Yes
Freeze Frame	Yes
RS-485 Protocols	PTZ_PELCO_D,PTZ_PELCO_P,PTZ_TC615_P,DOME_
Infrared Irradiation	Distance 200M, IR Angel Adjustable by Zoom