

### 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-PKM233SI

### 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	4.6mm ~ 152mm, 33x
Optical Zoom	33X
Optical Zoom Speed	Approx 5s(Optical Wide-Tele)
Digital Zoom	16X
Angle View	62.1°(w) ~ 2.18°(t)
Minimum Working Distance	1-1.5mm (Wide Tele)
Aperture Range	F1.6-F4.8
Focus	Auto

#### Image

Max Image Resolution	1920 X 1080
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
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)

#### 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/SMTP/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

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

### Pan & Tilt

<b>Pan Range</b>	360° Endless
<b>Pan Speed</b>	Pan Manual Speed 0.1° ~ 400°/s (stepless Speed) Pan Preset Speed 240°/s
<b>Preset Accuracy</b>	±0.02°
<b>Tilt Range</b>	-15° ~ 90° Auto Flip
<b>Tilt Speed</b>	Tilt Manual Speed 0.1° ~ 400°/s Tilt Preset Speed 240°/s
<b>3D Position</b>	Yes
<b>Proportional Zoom</b>	Rotation speed can be adjusted automatically according to Zoom Multiples
<b>Number of Preset</b>	500
<b>Scan</b>	8
<b>Cruise</b>	8, Upto 32 Presets per Cruise
<b>Pattern</b>	8, Each One with 600s Memory
<b>Power Loss Recovery</b>	Yes
<b>Guard Action</b>	Preset/Cruise/Pattern/Scan
<b>PTZ Position Display</b>	Yes
<b>Freeze Frame</b>	Yes
<b>RS-485 Protocols</b>	PTZ_PELCO_D, PTZ_PELCO_P, PTZ_TC615_P, DOME_
<b>Infrared Irradiation</b>	Distance 200M, IR Angel Adjustable by Zoom