

Sales guide

WISENET P series

15M IR Panoramic camera PNM-9031RV

HTE PM | January, 2022

PNM-9031RV (15M IR Panoramic camera)

Key features

- 15MP panoramic stitching video streaming
- 192° (H) x 56.6° (V) wide area coverage
- H.264/H.265 : Max 20fps
- WDR 120dB, WiseStreamIII
- 20 meter (65.6ft) IR distance, Wise IR(Zone and level control Auto/Manual)
- 2 Virtual channels for spot monitoring (up to 8MP)
- Video Analytics : Motion detection, Defocus detection, Virtual line, Enter / Exit
(Dis)Appear, Audio detection, Heatmap
- Audio In/Out, Alarm In/Out, Two SD slots(Up to 512MB: 256GBx2)
- PoE+/12VDC (Support Power redundancy)
- Support Wi-Fi Direct for easy installation with smartphone app (USB dongle required)
- IP66, NEMA4X, IK10, Hard-coated dome bubble
- Enhanced cyber-security by TPM with FIPS 140-2 level2



Sales points

Covers wide area & support 15MP stitching image

PNM-9031RV provides clear image with 4ea 5MP sensors and Max 15MP stitching image.
It covers wide area by single camera up to 192°(H) x 56.6°(V)
It is suitable for whenever user wants to monitor with good design.

6,720 x 2,240 (15MP)



56.6°

192°

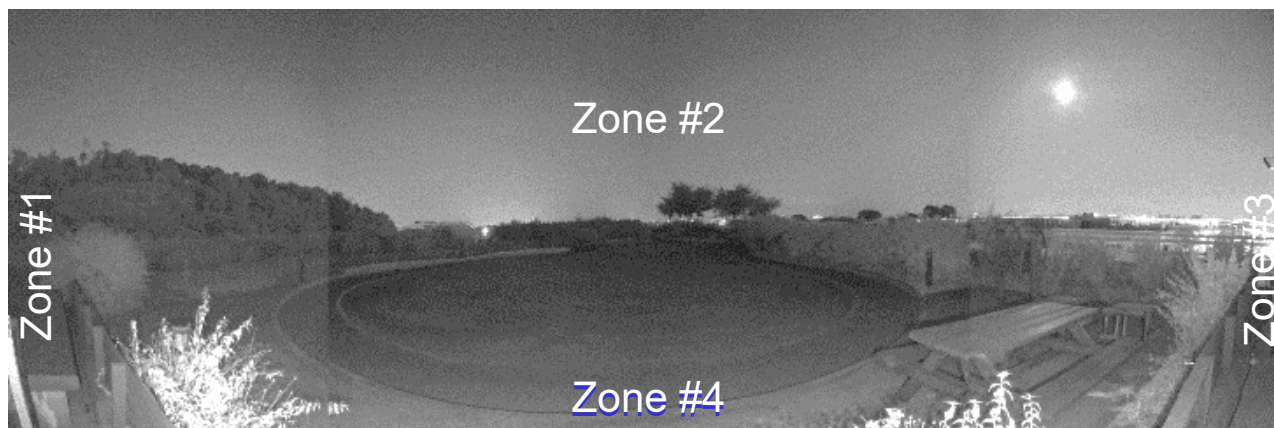
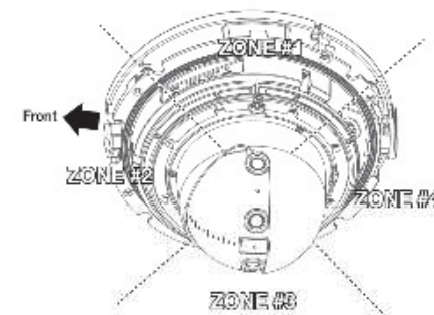
Sales points

WiseIR technology at low light condition

PNM-9031RV provides high quality images in low light conditions. By WiseIR technology adopted in PNM-9031RV, users can adjust the output level of IR led around each of view direction zones and IR light reaches up to 20meters (65ft) to enable detail surveillance at night time.



Daylight scene



Night-time scene with IR

Sales points

Virtual channels for monitoring

PNM-9031RV provides main panoramic stream and two virtual channels simultaneously.

Main panoramic video can set up to 15Mp(6720x2240) ~ 0.4Mp(1152x384) with max. 20fps.

Virtual channel video can set up to 8Mp ~ 0.08Mp with max. 20fps

(※ Virtual channels supports aspect ratio of 16:9 or 4:3)

Panoramic(Main) and virtual channel videos monitored on VMS(SSM)



CH1 Panoramic



CH2 Virtual ch1



CH3 Virtual ch2



Note

Streaming performance

PNM-9031RV provides main panoramic stream and two virtual channels simultaneously.
 Main panoramic video can set up to 15Mp(6720x2240) ~ 0.4Mp(1152x384) with max. 20fps.
 Virtual channel video can set up to 8Mp ~ 0.08Mp with max. 20fps
 (※ Virtual channels supports aspect ratio of 16:9 or 4:3)

Streams	CH	Max. fram rate(20fps) at virtual channels	Max. resolution(8Mp) at virtual channels
Panoramic Main	Ch1	15M@20fps	15M@18fps
Virtual1	Ch2	~ 5M@20fps	8M@18fps
Virtual2	Ch3	~ 5M@20fps	8M@18fps

Streaming performance : Resolution & frame rate

Max. 5ea profile streaming at the same time
from PNM-9031RV in total

CH1 Panoramic

3ea profile streaming at the same time



CH2 **CH3** Virtual channel

1ea profile streaming per channel

Sales points

Easy installation

It applied same form factor with PNM-9030V(hinge structure), so be improve easy installation

[installation Step 1]

Hanging at the hinge



[installation Step 2]

Push mounting clips to mounting plate



Easy installation with camera via Wi-Fi Direct

By using recommended Wi-Fi dongle, Wisenet installation app can connect camera directly. Installer can check the monitoring position along and configure the zoom in/out, simple focus, screen capture, flip/mirror/hallway view.



Sales points



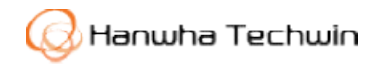
Next level cybersecurity : TPM 2.0 (FIPS 140-2 Certification)

TPM is a hardware that creates hard to predict 'actual random numbers' and provides enhanced security compared to software producing similar random numbers. Also, encryption keys can be saved within TPM for dual protection. So, TPM can serve as a secure storage.

PNM-9031RV has applied FIPS 140-2 certified TPM.

FIPS(The United states 'Federal Information Process Standards) is a security standard for cryptographic modules the federal governments in the US, UK, Canada used to approve whether TPM is securely designed and implemented. With this certified TPM, users are using cameras more securely.

Integrations



ISV Partner	Status	Version
Milestone	Done	DP11.9
Genetec	Done	5.10.0.0
OneSSI	Done	R14
Seetec	Done	R14
WAVE	Done	Version 4.2

Sales points

NDAA Compliant

PNM-9031RV support NDAA-compliance.

Hanwha Techwin is committed to complying with all government and international trade regulations

NATIONAL DEFENSE AUTHORIZATION ACT (NDAA)



Accessory compatibility

PNM-9031RV



SBP-276HMW

Weather Cap Coming in Q1 2022!
SBV-253WCW - Optional Accessory



Parapet



SBP-300LMW



SBP-156LMW

Ceiling



SBP-300CMW

Wall



SBP-300WMW

SBP-156CMW

Wall



SBP-300WMM1

Wall



SBP-390WMM2

Pole mount



SBP-300PMW



SBP-300PMW1

Corner mount



SBP-300KMW

SBP-300KMW1