HNC303-VDA



FEATURES

3.0MP Vari-Focus IR Dome Network Camera

- Microphone not included
- This model has been replaced by <u>HNC324-VDZ/VDZB</u>
- Full HD 1080p real-time video
- 3 Megapixel (2048 x 1536) Resolution
- IR LEDs: up to 20m
- DWDR & 3D DNR & BLC
- Support onboard storage (up to 64GB)
- IP66
- Vandal-proof

Specifications	
Model Number	HNC303-VDA
Image Sensor	1/3" progressive scan CMOS
Min. illumination	0.095 lux @ F1.4, AGC ON, 0 lux with IR
Shutter time	1/30s ~ 1/100,000s
Lens	2.8 ~ 12mm @ F1.4, Angle of view: 98° ~ 30.5°
Lens mount	Ø14
Day & night	ICR
digital noise reduction	3D DNR
Wide dynamic range	Digital WDR
Backlight compensation	None
Angel adjustment	Pan: 0° ~ 360°, tilt 0° ~ 75°, rotation: 0° ~ 360°
Video compression	H.264 / MJPEG
Alarm	1/1
Audio	1/1
H.264 codec profile	Main profile
Bit rate	32 Kbps ~ 16 Mbps

Frame rate 60Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720) Image settings Saturation, brightness, contrast, sharpness adjustable through client software or web browser Network storage NAS Malarm trigger motion detection, tampering alarm, network disconnect, IP address conflict, storage exception, storage error Protocols TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos ONVIF, PSIA, CGI General functionalities User authentication, watermark, dual stream Communication interface 1 RJ45 10M/ 100 M Ethernet interface Onboard storage Built-in Micro SD/SDHG/SDXG card slot, up to 64 GB Operating conditions Power supply 12 VDC +/- 10%, PoE (802.3af) Power consumption Max. 5.5W Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51* x 3.94*) Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Specifications	
Saturation, brightness, contrast, sharpness adjustable through client software or web browser Network storage NAS Alarm trigger Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception, storage error Protocols TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos ONVIF, PSIA, CGI General functionalities Communication interface 1 RJ45 10M/ 100 M Ethernet interface Onboard storage Built-in Micro SD/SDHG/SDXG card slot, up to 64 GB -30 °C ~ 60 °C (-22 °F ~ 140 °F) humidity 95% or less (noncondensing) Power supply 12 VDC +/- 10%, PoE (802.3af) Power consumption Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-277ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Max. image resolution	2048 x 1536
Network storage NAS Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception, storage error Protocols TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos System compatibility ONVIF, PSIA, CGI General functionalities User authentication, watermark, dual stream Communication interface I RJ45 10M/ 100 M Ethernet interface Onboard storage Built-in Micro SD/SDHG/SDXG card slot, up to 64 GB Operating conditions Operating conditions Power supply 12 VDC +/- 10%, PoE (802.3af) Power consumption Max. 5.5W Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IP66 IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-277ZJ Wall Mount HTH-277ZJ-135	Frame rate	60Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)
motion detection, tampering alarm, network disconnect, IP address conflict, storage exception, storage error TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos System compatibility ONVIF, PSIA, CGI General functionalities User authentication, watermark, dual stream Communication interface 1 RJ45 10M/ 100 M Ethernet interface Onboard storage Built-in Micro SD/SDHG/SDXG card slot, up to 64 GB -30 °C ~ 60 °C (-22 °F ~ 140 °F) humidity 95% or less (noncondensing) Power supply 12 VDC +/- 10%, PoE (802.3af) Max. 5.5W Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IP66 IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Image settings	
Conflict, storage exception, storage error TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos System compatibility ONVIF, PSIA, CGI General functionalities User authentication, watermark, dual stream Communication interface 1 RJ45 10M/ 100 M Ethernet interface Onboard storage Built-in Micro SD/SDHG/SDXG card slot, up to 64 GB Operating conditions Operating conditions Power supply 12 VDC +/- 10%, PoE (802.3af) Power consumption Max. 5.5W Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-277ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Network storage	NAS
SNMP, HTTPS, FTP, 802.1x, Qos System compatibility ONVIF, PSIA, CGI General functionalities User authentication, watermark, dual stream Communication interface 1 RJ45 10M/ 100 M Ethernet interface Onboard storage Built-in Micro SD/SDHG/SDXG card slot, up to 64 GB -30 °C ~ 60 °C (-22 °F ~ 140 °F) humidity 95% or less (noncondensing) Power supply 12 VDC +/- 10%, PoE (802.3af) Power consumption Max. 5.5W Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IP66 IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-277ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Alarm trigger	
General functionalities Communication interface 1 RJ45 10M/ 100 M Ethernet interface Onboard storage Built-in Micro SD/SDHG/SDXG card slot, up to 64 GB -30 °C ~ 60 °C (-22 °F ~ 140 °F) humidity 95% or less (noncondensing) Power supply 12 VDC +/- 10%, PoE (802.3af) Power consumption Max. 5.5W Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IP66 IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Protocols	
Communication interface 1 RJ45 10M/ 100 M Ethernet interface Onboard storage Built-in Micro SD/SDHG/SDXG card slot, up to 64 GB Operating conditions -30 °C ~ 60 °C (-22 °F ~ 140 °F) humidity 95% or less (noncondensing) Power supply 12 VDC +/- 10%, PoE (802.3af) Power consumption Max. 5.5W Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IP66 IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-277ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	System compatibility	ONVIF, PSIA, CGI
Onboard storage Built-in Micro SD/SDHG/SDXG card slot, up to 64 GB -30 °C ~ 60 °C (-22 °F ~ 140 °F) humidity 95% or less (noncondensing) Power supply 12 VDC +/- 10%, PoE (802.3af) Power consumption Max. 5.5W Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IP66 IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	General functionalities	User authentication, watermark, dual stream
Operating conditions -30 °C ~ 60 °C (-22 °F ~ 140 °F) humidity 95% or less (noncondensing) Power supply 12 VDC +/- 10%, PoE (802.3af) Power consumption Max. 5.5W Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IP66 IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Communication interface	1 RJ45 10M/ 100 M Ethernet interface
Condensing) Power supply 12 VDC +/- 10%, PoE (802.3af) Power consumption Max. 5.5W Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IP66 IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Onboard storage	Built-in Micro SD/SDHG/SDXG card slot, up to 64 GB
Power consumption Max. 5.5W Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IP66 IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-277ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Operating conditions	· · · · · · · · · · · · · · · · · · ·
Impact protection IEC60068-2-75Eh, 50J: EN50102, up to IK10 Ingress protection level IP66 IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-227ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Power supply	12 VDC +/- 10%, PoE (802.3af)
Ingress protection level IP66 IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-277ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Power consumption	Max. 5.5W
IR range Up to 20m Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-277ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Impact protection	IEC60068-2-75Eh, 50J: EN50102, up to IK10
Dimensions Ø 140 x 99.9 mm(Ø 5.51" x 3.94") Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-227ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Ingress protection level	IP66
Weight 1000g Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-227ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	IR range	Up to 20m
Electrical Box HTH-280ZJ-DM21 Recess Mount HTH-227ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Dimensions	Ø 140 x 99.9 mm(Ø 5.51" x 3.94")
Recess Mount HTH-227ZJ Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Weight	1000g
Wall Mount HTH-273ZJ-135B Pendant Mount HTH-271ZJ-135	Electrical Box	HTH-280ZJ-DM21
Pendant Mount HTH-271ZJ-135	Recess Mount	HTH-227ZJ
	Wall Mount	HTH-273ZJ-135B
Corner and Pole C:HTH-276ZJ, P:HTH-275ZJ	Pendant Mount	HTH-271ZJ-135
	Corner and Pole	C:HTH-276ZJ, P:HTH-275ZJ