

# Cámara Domo IP / 5 Megapixel / Lente 2.8 mm / IR 40 m (131.2 ft) / WDR 120 dB / IP67 / IK10 / PoE / NDAA

SKU: HC35W45R3 Marca: HONEYWELL Categoría: Domo / Eyeball / Turret

Garantía: 3 años

**$6,226.93**

Precios con IVA incluido

## DESCRIPCIÓN

La HC35W45R3 es una cámara domo IP de la Serie 35 que integra un sensor CMOS de 1/2.8 pulgadas con resolución de 2592 x 1944 píxeles (5 megapíxeles) a 30 fps, combinado con un lente fijo de 2.8 mm e iris F2.0 que entrega un ángulo de visión de 93° horizontal y 68° vertical, permitiendo cubrir amplias áreas con un solo equipo. Su módulo de infrarrojo inteligente, compuesto por dos luces IR, alcanza un rango de iluminación de hasta 40 m y complementa una sensibilidad mínima de 0.007 lux en color y 0 lux con IR activo, garantizando operación continua día y noche. El procesamiento de imagen incorpora WDR real de 120 dB, compensación de contraluz BLC/HLC y reducción de ruido digital 2D/3D, lo que mantiene la calidad de la evidencia en escenarios de alto contraste. En cuanto a video, soporta compresión H.265 HEVC, H.264 y MJPEG con hasta tres flujos simultáneos, además de analíticas integradas como conteo de personas y detección inteligente de movimiento (SMD). Su carcasa de aluminio die-cast con acabado blanco RAL 9003 ofrece protección IP66/IP67 e índice antivandálico IK10, apta para instalación discreta en interiores y exteriores con alimentación PoE y cumplimiento NDAA.

Desempeño
Sensor CMOS 1/2.8' de 2592 x 1944 px (5 MP) a 30 fps
Lente fijo de 2.8 mm con iris F2.0
Ángulo de visión 93° H x 68° V
Iluminación mínima 0.007 lux a color y 0 lux con IR activo
IR inteligente hasta 40 m mediante 2 luces infrarrojas
WDR real de 120 dB
Compensación BLC/HLC
Reducción de ruido digital 2D/3D

Físicas y Eléctricas
Carcasa de aluminio die-cast
Acabado blanco RAL 9003
Protección IP66/IP67 para intemperie
Resistencia antivandálica IK10
Alimentación mediante PoE
Instalación en exteriores e interiores
Cumplimiento NDAA

Video y Analíticas
Compresión H.265 HEVC, H.264 y MJPEG
Hasta 3 flujos de video simultáneos
Conteo de personas integrado
Detección inteligente de movimiento (SMD)
Analíticas de video a bordo

## ESPECIFICACIONES

| | |
|---|---|
| Característica 1 | **Cobertura amplia de 93° con un solo dispositivo de vigilancia** |
| Característica 2 | **IR inteligente con 2 LEDs para visión nocturna hasta 40 m (131.2 ft)** |
| Característica 3 | **WDR real de 120 dB con BLC/HLC para escenas de alto contraste** |
| Característica 4 | **Triple flujo de video con compresión H.265 HEVC para optimizar ancho de banda** |
| Característica 5 | **Carcasa de aluminio die-cast con protección IP67 e IK10 para exteriores** |
| Característica 6 | **Iluminación mínima de 0.007 lux a color para captura en condiciones de poca luz** |

## MEMORIA TÉCNICA · HC35W45R3

**Número de parte de esta ficha:** HC35W45R3. La información corresponde a esta variante.

35 SERIES
HC35W43R3
HC35W45R3
HC35W48R3
3MP/5MP/8MP IP WDR IR Rugged Mini Dome Camera
OPERATIONAL
Video Standard NTSC / PAL
Scanning System Progressive
Image Sensor
HC35W43R3: 1/2.7” CMOS
HC35W45R3/HC35W48R3: 1/2.8” CMOS
Sensor Size (H x V)
HC35W43R3: 4.608 mm x 2.592 mm
HC35W45R3: 5.184 mm x 3.888 mm
HC35W48R3: 5.568 mm x 3.132 mm
Number Of Pixels(H x V)
HC35W43R3: 2304 x 1296
HC35W45R3: 2592 x 1944
HC35W48R3: 3840 x 2160
Minimum Illumination
(Color/BW)
HC35W43R3: 0.005 Lux / F1.6 (Color,30 IRE), 0 Lux / F1.6 (IR ON)
HC35W45R3: 0.007 Lux / F2.0 (Color,30 IRE), 0 Lux / F2.0 (IR ON)
HC35W48R3: 0.009 Lux / F2.0 (Color,30 IRE), 0 Lux / F2.0 (IR ON)
S/N Ratio 50 dB
Electronic Shutter Speed1/8 ~ 1/32,000
IR Distance up to 40 M
IR Light Control Smart IR (Auto/Manual)/OFF
IR Light Number 2
Day/Night Auto (ICR) / Color / BW

Backlight CompensationWDR, BLC, HLC
White Balance Auto / Tungsten / Fluorescent / Daylight / Shadow / Manual
Gain Control 0-100%
Wide Dynamic Range120 dB
Noise Reduction 2D / 3D DNR
Lens
HC35W43R3: 2.8 mm Fixed Iris, F1.6
HC35W45R3/HC35W48R3: 2.8 mm, Fixed Iris, F2.0
Angle Of View
HC35W43R3: H:88°, V:47°
HC35W45R3: H:93°, V:68°
HC35W48R3: H:100°, V:54°
Privacy Masking Off / On (4 Areas)
Defog
HC35W43R3: Not supported
HC35W45R3/HC35W48R3: Supported
Local Storage Micro SD (up to 256 GB)
Alarm Inputs/Outputs
HC35W43R3: Not supported
HC35W45R3/HC35W48R3: 1 In / 1 Out
Pan Range 0°-330°
Tilt Range 0°-75°
Rotation Range 0°-337°
VIDEO
Video Compression H.265 HEVC/H.264/MJPEG, Smart Codec
Resolution
HC35W43R3
1st: 2304 x 1296 / 1920 x 1080 / 1280 x 720
2nd: 704 x 576 (PAL) / 704 x 480 (NTSC) /
640 x 480 / 352 x 288 (PAL) / 352 x 240
(NTSC)
3rd: 640 x 480 / 352 x 288 (PAL) /
352 x 240 (NTSC) / 320 x 240
HC35W45R3
1st: 2592 x 1944 / 2592 x 1520 /
1920 x 1080 / 1280 x 720
2nd: 704 x 576 (PAL) / 704 x 480 (NTSC) /
640 x 480 / 352 x 288 (PAL) / 352 x 240
(NTSC)
3rd: 1920 x 1080 (MAX 12fps) / 640 x 480 /
352 x 288 (PAL) / 352 x 240 (NTSC) / 320
x 240
HC35W48R3
1st: 3840 x 2160 / 2592 x 1944 /
2592 x 1520 / 2560 x 1440 / 2304 x 1296 /
1920 x 1080 / 1280 x 720
2nd: 704 x 576 (PAL) / 704 x 480 (NTSC) /
640 x 480 / 352 x 288 (PAL) / 352 x 240
(NTSC)
3rd: 640 x 480 / 352 x 288 (PAL) /
352 x 240 (NTSC) / 320 x 240
Number of Video
Streams
3 (2 for encryption)
Frame Rate* MAX 30 fps
Bit Rate*
HC35W43R3: 100K ~ 6 Mbps
HC35W45R3: 100K~12 Mbps
HC35W48R3: 100k~16 Mbps
AUDIO
Audio Compression
HC35W43R3: Not supported
HC35W45R3/HC35W48R3: G.711A/G.711U
Audio Stream
HC35W43R3: Not supported
HC35W45R3/HC35W48R3: 2-Way, Full duplex
Audio Interface
HC35W43R3: Not supported
HC35W45R3/HC35W48R3: Line In/Out
NETWORK
Ethernet 10 Base-T/100 Base-TX Ethernet (RJ-45)
Supported Web BrowsersChrome/Edge
Supported OS Microsoft Windows 10
Protocols**
IPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP /
Multicast, SMTP, DHCP, NTP, DNS, QoS, SNMP, 802.1X, UDP, ICMP,
ARP, TLS
Interoperability ONVIF Profile G/S/T
Maximum Users Access10 Users
Security
User account and password protection, HTTPS, IP Filter, Digest
authentication, TLS1.2 only, Stream encryption, AES128 / 256, SSH
/ Telnet closed, PCI-DSS compliance
Languages Supported
Arabic, Czech, Dutch, English, French, German, Italian, Japanese,
Korean, Polish, Portuguese (Brazil), Russian, Spanish, Turkish
*For detailed information about frame rate and bit rate, please refer to the User
Guide.
**Some development may be required in specific user cases to support some of
these protocols in the field as they mature over time.
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- 35 SERIES 3MP/5MP/8MP IP WDR IR RUGGED MINI DOME CAMERA
EVENTS / ANALYTICS
Built-in Video Analytics
HC35W43R3: Motion Detection, Tampering
HC35W45R3/HC35W48R3: People Counter, Multi Loitering, Intru-
sion, Tampering, Smart Motion Detection (SMD), Motion Detection
Event Type
HC35W43R3: Video motion detection,Recording notification
HC35W45R3/HC35W48R3: Video motion detection, Alarm input,
Recording notification, Tampering
Event Linkage
HC35W43R3: Event notification using Email and MicroSD card
HC35W45R3/HC35W48R3: Event notification using digital output,
Email and MicroSD card
Region Of Interest8
ELECTRICAL
Power Supply DC12V, PoE (IEEE 802.3af) (Class 0)

Power Consumption
(Max)
HC35W43R3: MAX 3.6 W
HC35W45R3: MAX 4.08 W
HC35W48R3: MAX 5.5 W
MECHANICAL
Dimensions Ø110.0 mm × 85.6 mm (Ø4.33” × 3.37”)
Dome Diameter Ø78.2 mm (3.08”)
Product Weight 0.56 kg (1.23 lb)
Package Weight 0.65 kg (1.43 lb)
Body Material Die-cast aluminium housing
Color
Camera Body: RAL 9003 (Signal White)
Front/Lens Facings: Pantone Black
ENVIRONMENTAL
Operating Temperature
Starting Temperature:
-40°C ~ 60°C (-40°F ~ 140°F)
Working Temperature:
-40°C ~ 60°C (-40°F ~ 140°F)
Relative Humidity Less than 90 %, non-condensing
Ingress ProtectionIP66/IP67
Impact Resistance IK10
REGULATORY
Emissions FCC PART 15, CE (EN 55032), Complies with RCM and UKCA
Immunity CE(EN 50130-4), Complies with RCM and UKCA
Safety
UL LISTED TO UL/CSA 62368-1, CE(EN 62368-1), Complies with
RCM and UKCA
RoHs CE (EN 63000), UAE(Cabinet Decree No.10 of 2017)
Country of Origin China
DIMENSIONS
85.6mm (3.37”)
Ø110.0 mm (Ø4.33”)
45.0 mm (1.77”)
120°
22.3 mm (0.88”)
18.7 mm (0.74”)
3-Ø4.5 mm (Ø0.18”)
Ø100.0 mm (Ø3.94”)
- HSV-HC35W4xR3-01-ME(0622)DS-Y
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make changes in product design or specifications.
35 SERIES 3MP/5MP/8MP IP WDR IR RUGGED MINI DOME CAMERA
ORDERING
HC35W43R3 3 MP IR Rugged Mini Dome Camera, WDR 120dB, 2.8mm, POE, DC12V, IK10
HC35W45R3 5 MP IR Rugged Mini Dome Camera, WDR 120dB, 2.8mm, POE, DC12V, Audio & Alarm In/Out, IK10
HC35W48R3 8 MP IR Rugged Mini Dome Camera, WDR 120dB, 2.8mm, POE, DC12V, Audio & Alarm In/Out, IK10
SYSTEM INTEGRATION*
Pro-Watch NVR Up to 256 IP channels RAID5 / 6 Enterprise NVR
MAXPRO NVR PE Up to 128 IP channels RAID5 / 6 Enterprise NVR
MAXPRO NVR SE Up to 64 IP channels System NVR
MAXPRO NVR XE Up to 16 IP channels System NVR
MAXPRO NVR SOFTWARE Up to 128 IP channels Recording Software
ADPRO NVR FASTTRACE 2E Up to 32 IP channels with up to 32 VA channels NVRs
ADPRO NVR iFT-E Up to 32 IP channels with up to 32 VA channels NVRs
ADPRO NVR iFT
Up to 32 IP channels or 16 IP channels with up to 16 VA
channels NVRs
ADPRO NVR iFT GATEWAY 4 IP channels + 4 VA channels
Honeywell DVM
Support with Honeywell DVM R710.1 (and later maintenance
releases)
30 Series NVR Integration with 30 Series NVR
35 Series NVR** Integration with 35 Series NVR
OPTIONAL MOUNTS AND ACCESSORIES
HA35PMC03 35S fixed camera cap, 1.5NPT male
HA60JCBH1 60S junction box
HA35CLM01 35S Ceiling mount base with adapter
HA35CLM02 35S ceiling mount extension ,252mm
HA60WLMB1 60S wall mount bracket, 1.5NPT female
HA60PLMZ 60S pole mount adapter
HA60CNMZ 60S corner mount adapter
RECOMMENDED ACCESSORIES AND ORDERING
*Refer to the NVR integration matrix for more information.
**35 Series NVR will be released in June 2022.
For More Information
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