

# 60 SERIES

# HC60WB5R2

# HC60WB5R5

**Pranakorn**  
Technology Enterprise Co.,Ltd.

**Honeywell**



## 5MP Network TDN WDR IR Outdoor Bullet Camera



OPERATIONAL	
Video Standard	NTSC / PAL
Scanning System	Progressive
Image Sensor	1 / 2.8" CMOS
Sensor Size (H x V)	5.18 x 3.89mm
Number Of Pixels (H x V)	2560 x 1920 (5 MP)
Min. illumination (Color/BW)	HC60WB5R2: Color: 0.04 Lux @F1.4, B/W: 0Lux @F1.4 (IR on) HC60WB5R5: Color: 0.06 Lux @F1.9, B/W: 0Lux @F1.9 (IR on)
S/N Ratio	60 dB
Electronic Shutter Speed	1/32000 ~ 1/30
IR Distance	Up to 60 m (197 ft)
IR Light Control	Smart IR (Auto / Manual) / OFF
IR Light Number	4
Removable IR-Cut Filter	Yes
Day/Night	Auto / Day / Night / Schedule
Backlight Compensation	WDR, HLC
White Balance	Auto / Fixed Current / Manual
Gain Control	0-100 %
Wide Dynamic Range	120 dB
Noise Reduction	3D DNR
Lens (HC60W45R2)	Remote Focus, 2.7 ~ 13.5 mm, MFZ, P-IRIS, F1.4 ~ F2.8
Lens (HC60W45R4)	Remote Focus, 5 ~ 50 mm, MFZ, DC-IRIS, F1.9 ~ F2.1
Angle Of View (HC60W45R2)	H: 100° ~ 30°, V: 72° ~ 23
Angle Of View (HC60W45R4)	H: 45° ~ 7°, V: 33° ~ 5°
G-Sensor	Support Camera Direction OSD Display
Privacy Masking	Off / On (5 Areas)
Defog	Support
Local Storage	Micro SD / SDHC / SDXC card slot (up to 256 GB)
Micro USB	Support Wifi Dongle for configuration
VIDEO	
Video Compression	H.265 HEVC / H.264 / MJPEG, Smart Codec
Resolution (16/9)	2560 x 1440 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360
Resolution (4/3)	2560 x 1920 / 1600 x 1200 / 1280 x 960 / 640 x 480
Number of Video Streams	3
Frame Rate Main Stream & Frame Rate Second Stream	2560 x 1440 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-25/30 fps), 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-50/60 fps), 2560 x 1440 (1-50 fps)
Frame Rate Third Stream	1280 x 960 / 640 x 480 (1-25/30 fps) 1280 x 720 / 640 x 360 (1-50/60 fps)
Bit Rate (Control)	20 K ~ 80 M bps
AUDIO	
Audio Compression	G.711a / G.711 Mu / G.726
Audio Stream	Full duplex, simplex
Audio Interface	Line In / Out
NETWORK	
Ethernet	10 Base-T / 100 Base-TX Ethernet (RJ-45)

Supported Web Browsers	Chrome 79.0 Internet Explorer 11
Supported OS	Microsoft Windows 10
Protocols*	IPv4, IPv6, TCP / IP, HTTP, HTTPS, UPnP, RTSP / RTP / RTCP, IGMP / Multicast, CIFS / SMB, SMTP, DHCP, NTP, DNS, DDNS, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF Profile G / S
Maximum Users Access	10 Users
Security	User account and password protection, HTTPS, IP Filter, Digest authentication, TLS1.2 only, Stream encryption, AES128 / 256, SSH / Telnet closed, PCIDSS compliance, FIPS Chipset Built-In
Languages Supported	English, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Traditional Chinese

EVENTS / ANALYTICS	
Built-in Video Analytics	Intrusion, Loiter, Line crossing, Unattended object, Missing object, Face detection
Event type	Video motion detection, Periodically, Alarm input, System boot, Recording notification, Camera tampering detection
Event linkage	Event notification using digital output, HTTP, Email and MicroSD card
Region Of Interest	5

ELECTRICAL	
Power Supply	12 VDC / 24 VAC (50 / 60Hz), Heat On: PoE (IEEE 802.3 at, Class 4), Heat Off: PoE (IEEE 802.3 at, Class 3)
Power Consumption	MAX 25.5 W
Alarm Inputs / Outputs	2 In / 1 Relay Out
MECHANICAL	
Dimensions (D x D x L)	105.5 mm x 110.6 mm x 288.6 mm (4.2" x 4.4" x 11.4")
Product Weight	HC60WB5R2: 1.75 kg (3.86 lb); HC60WB5R5: 2.53 kg (5.58 lb)
Package Weight	HC60WB5R2: 1.78 kg (3.92 lb); HC60WB5R5: 2.56 kg (5.64 lb)
Material	Metal
Construction Color	RAL 120-1 (Lyric White)

ENVIRONMENTAL	
Operating Temperature	Starting Temperature: -40°C ~ 60°C (-40°F ~ 140°F) (802.3at PoE Class 4) 20°C ~ 60°C (68°F ~ 140°F) (802.3af PoE Class 3) Working Temperature: -40°C ~ 60°C (-40°F ~ 140°F) (802.3at PoE Class 4) 10°C ~ 60°C (50°F ~ 140°F) (802.3af PoE Class 3)
Relative Humidity	Less than 90 %, non-condensing
Ingress Protection	IP66 / IP67 / NEMA 4X
Impact Resistance	IK10 (PC + METAL)

REGULATORY	
Emissions	FCC PART 15, CE (EN 55032)
Immunity	CE (EN 50130-4)
Safety	UL LISTED TO UL / CSA 62368-1, CE (EN 62368-1), UL / CSA 60950-22, CE (EN 60950-22)
RoHS	CE (EN 50581), EAC (TR EAEU 037 / 2016), UAE (Cabinet Decree No.10 of 2017)
Country of Origin	Taiwan