

# SPRO<sup>®</sup> IP



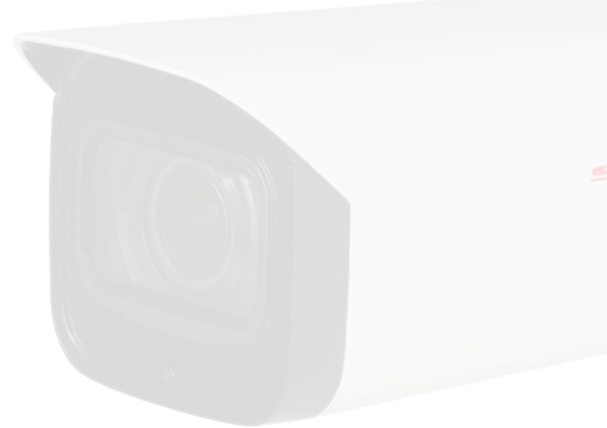
## DHIPQ40/2713RW/60M

4 MEGAPIXEL IP IR BULLET CAMERA



### Key Features:

- 4 Megapixel progressive CMOS
- H.265 & H.264 dual-stream encoding
- 4M@20fps(2688×1520), 3M@25fps (2304×1296)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer & CMS(SPRO CSS)
- 2.7~13mm varifocal lens
- Max IR LEDs Length 60m
- IP66 waterproof
- DC12V/POE



### SPECIFICATIONS

<b>Model Number</b>	DHIPQ40/2713RW/60M
<b>Image Sensor</b>	4 Megapixel progressive scan CMOS
<b>Effective Pixels</b>	2688(H)x1520(V)
<b>Scanning System</b>	Progressive
<b>Electronic Shutter Speed</b>	Auto/Manual, 1/3(4)~1/100000s
<b>Min. Illumination</b>	0.03Lux/F1.4( Color, 1/3s, 30IRE), 0Lux/F1.4(IR on)
<b>S/N Ratio</b>	More than 50dB
<b>Max. IR LEDs Length</b>	Up to 60m
<b>IR On/Off Control</b>	Auto/ Manual
<b>IR LEDs</b>	4

(continued)

Lens		
<b>Lens Type</b>	Vari-focal lens	
<b>Mount Type</b>	Board-in	
<b>Focal Length</b>	2.7mm~13.5mm	
<b>Max Aperture</b>	F1.4	
<b>Angle of View</b>	H:104°~28°, V:72°~20°	
<b>Focus Control</b>	Manual	
<b>Close Focus Distance</b>	0.3m	
Pan/Tilt/Rotation		
<b>Pan/Tilt/Rotation Range</b>	Pan:0°~360°, Tilt:0°~90°, Rotation:0°~360°	
Intelligence		
<b>IVS</b>	Tripwire, Intrusion	
Video		
<b>Compression</b>	H.265/H.264H/MJPEG(Sub Stream)	
<b>Smart Codec</b>	Support H.265+/H.264+	
<b>Streaming Capability</b>	2 Streams	
<b>Resolution</b>	4M(2688×1520)/3M(2304×1296)/ 1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/D1(704×576/704×480)/ VGA(640×480)/CIF(352×288/352×240)	
<b>Frame Rate</b>	Main Stream	4M(1~20fps)/3M(1~25fps)
	Sub Stream	D1(1~25fps)
<b>Bit Rate Control</b>	CBR/VBR	
<b>Bit Rate</b>	H.265: 12K ~ 8448Kbps / H.264: 32K ~ 10240Kbps	
<b>Day/Night</b>	Auto(ICR) / Color / B/W	
<b>BLC Mode</b>	BLC / HLC / WDR(120dB)	
<b>White Balance</b>	Auto/Natural/Street Lamp/Outdoor/Manual	
<b>Gain Control</b>	Auto/Manual	
<b>Noise Reduction</b>	3D DNR	
<b>Motion Detection</b>	Off / On (4 Zone, Rectangle)	
<b>Region of InterestSmart IR</b>	Off / On (4 Zone)Support	

<b>Digital Zoom</b>	16x
<b>Flip</b>	0°/90°/180°/270°
<b>Mirror</b>	Off / On
<b>Privacy Masking</b>	Off / On (4 Area, Rectangle)
<b>Audio</b>	
<b>Compression</b>	N/A
<b>Network</b>	
<b>Ethernet</b>	RJ-45 (10/100Base-T)
<b>Protocol</b>	HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP
<b>Interoperability</b>	ONVIF, PSIA, CGI
<b>Streaming Method</b>	Unicast / Multicast
<b>Max. User Access</b>	10 Users / 20 Users
<b>Edge Storage</b>	NAS / Local PC for instant recording
<b>Web Viewer</b>	IE, Chrome, Firefox, Safari
<b>Management Software</b>	SPRO CSS
<b>Smart Phone</b>	iPhone, iPad & Android
<b>General</b>	
<b>Power Supply</b>	DC12V,POE+ (IEEE 802.3at)(Class 4)
<b>Power Consumption</b>	<12W
<b>Operating Conditions</b>	-30° C ~ +60° C / Less than 95% RH
<b>Storage Conditions</b>	-30° C ~ +60° C / Less than 95% RH
<b>Ingress Protection</b>	IP66
<b>Casing</b>	Metal
<b>Dimensions</b>	244.1mm×79mm×75.9mm (9.61"×3.11"×2.99")
<b>Net Weight</b>	0.815kg (1.80lb)
<b>Gross Weight</b>	1.08kg (2.38lb)



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