

# SPRO<sup>®</sup>IP

## DHIPD80/28RW/30M-M

8 MEGAPIXEL IP TURRET CAMERA  
MICROPHONE BUILT-IN (AUDIO OVER CAT5e)



8 MEGAPIXEL



2.8MM



30m IR



MICROPHONE



IP67



### Key Features:

- 8 Megapixel progressive scan CMOS
- H.265&H.264 triple-stream encoding
- 15fps@4K(3840×2160),25fps@4M( 2688 x 1520 )
- Microphone Built-in (Directional)
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- 2.8mm fixed lens
- Max. IR LEDs Length 30m
- IP67 waterproof
- DC 12V / PoE



## SPECIFICATIONS

<b>Model Number</b>	DHIPD80/28RW/30M-M
<b>Image Sensor</b>	1/2.7" 8Megapixel progressive CMOS
<b>Effective Pixels</b>	3840(H) x 2160(V)
<b>Scanning System</b>	Progressive
<b>Electronic Shutter Speed</b>	Auto/Manual, 1/3(4)~1/100000s
<b>Min. Illumination</b>	0.009 Lux@F2.0
<b>IR Distance</b>	30 m (98.43 ft)
<b>IR On/Off Control</b>	Auto/Manual
<b>IR LEDs Number</b>	2

(continued)

Lens				
<b>Lens Type</b>	Fixed			
<b>Mount Type</b>	M12			
<b>Focal Length</b>	2.8 mm			
<b>Max Aperture</b>	F2.0			
<b>Angle of View</b>	Pan 105° × Tilt 56° × Diagonal 125°			
<b>Iris Type</b>	Fixed			
<b>Close Focus Distance</b>	1.0 m (3.3 ft)			
<b>DORI Distance</b>	Detect	Observe	Recognize	Identify
	74.7 m	29.9 m	14.9 m	7.5 m
Pan/Tilt/Rotation				
<b>Pan/Tilt/Rotation Range</b>	Pan:0°~360°, Tilt:0°~78°, Rotation:0°~360°			
Intelligence				
<b>IVS</b>	Tripwire, Intrusion			
<b>Advanced Intelligent Functions</b>	No			
Video				
<b>Compression</b>	H.265+/H.265/H.264+/H.264			
<b>Streaming Capability</b>	2 Streams			
<b>Resolution</b>	3840 × 2160; 3072 × 2048; 3072 × 1728; 2592 × 1944; 2688 × 1520			
	3M (2048 × 1536); 2304 × 1296 (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	4K(1~15fps)/ 2688 x 1520 (1~25fps)		
	Sub Stream	D1(1~25fps)		
<b>Bit Rate Control</b>	CBR/VBR			
<b>Bit Rate</b>	H.264: 32 Kbps–8192 Kbps			
	H.265: 12 Kbps–8192 Kbps			
<b>Day/Night</b>	Auto(ICR) / Color / B/W			
<b>BLC Mode</b>	Yes			
<b>WDR</b>	120 dB			
<b>White Balance</b>	Auto/Natural/Street Lamp/Outdoor/Manual			
<b>Gain Control</b>	Auto/Manual			

<b>Noise Reduction</b>	3D DNR
<b>Motion Detetion</b>	Off / On (4 Zone, Rectangle)
<b>Region of InterestSmart IR</b>	Off / On (4 Zone)
<b>Digital Zoom</b>	16x
<b>Image Rotation</b>	0°/90°/180°/270°
<b>Mirror</b>	Yes
<b>Privacy Masking</b>	Off / On (4 Area, Rectangle)
<b>Audio</b>	
<b>Compression</b>	G.711A; G.711Mu; G.726; AAC
<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(Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec
<b>Streaming Method</b>	Unicast / Multicast
<b>Max. User Access</b>	10 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>Interface</b>	
<b>Audio Interface</b>	Built-in Mic (Directional)
<b>General</b>	
<b>Power Supply</b>	DC12V, PoE (802.3af)
<b>Power Consumption</b>	<7.2W
<b>Operating Conditions</b>	-40° C ~ +55° C / Less than 95% RH
<b>Storage Conditions</b>	-40° C ~ +55° C / Less than 95% RH
<b>Ingress Protection</b>	IP67
<b>Casing</b>	Metal
<b>Dimensions</b>	Φ105mm × 89.2mm
<b>Gross Weight</b>	0.65Kg (1.43lb)

