IPC-HUM4231SP-L4-0280B-S3

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Specifications

Model	IPC-HUM4231SP-L4-0280B-S3
Brand	Dahua
?? mühiti	Indoor
Növ	IP
Meqapixel	2 MP
Mikrofon	Mic
Obyektiv	Sabit
Fokus	2.8mm
???qland?rma	İR
???qland?rma m?saf?si	20 m
Qoruma	IP67
Material	Metal

KEY FEATURES

Model	IPC-HUM4231SP-L4-0280B-S3
Camera	
Matrix	1/3" CMOS
Effective pixels	1920×1080
ROM	128 MB
RAM	128 MB
Scanning system	Progressive
Electronic shutter speed	Auto / Manual 1 / 3 s − 1 / 100,000 s
Min. lighting	0.01 Lux at F2.0 (Color, 30 IRE)
	0.001 Lux at F2.0 (B/W, 30 IRE)
Signal/Noise Ratio	>56 dB
Lens	
Lens type	Fixed
Mounting type	M12
Focal length	2.8 mm
Max. diaphragm	F2.0
Viewing angle	Horizontal:96°; Vertical:55°; Diagonal:110°
IR control	Fixed
Closed focal length	0.8 m (2.62 ft)

DOOR Distance	Lens	Detection	Notification	Recognition	Identification
	2.8 mm	61.0 m (200.13 ft)	24.4 m (80.05 ft)	12.2 m (40.03 ft)	6.4 m (20.01 ft)

Smart events	
IVS	Tripwire/Invasion
Video	
Video compression	N.265; H.264; N.264B; MJPEG (Only supported by additional stream)
Smart Codec	Smart H.265+; Smart H.264+
Video frame rate	Main stream: 1920 × 1080 @ (1-25/30 fps)
	Sub. Stream: 704 × 576 (1-25 fps) / 704 × 480 (1-30 fps)
	* The above values are the maximum frame rates of each stream; for multiple streams, the values will depend on the total encoding capacity.
Streaming Features	2 streams

Permission	1080p (1920 × 1080); 1.3M (1920 × 960); 720p (1280 × 720); D1 (704 × 576 / 704 × 480); VGA (640 × 480); CIF(352 × 288 / 352 × 240)
Data transfer rate control	CBR/VBR
Video bit rate	H.264:3 kbps–6144 kbps H.265:3 kbps–6144 kbps
Day Night	Color/B/W
BLC	Eat
HLC	Eat
WDR	120 dB
White Balance	Auto / Natural light / Street lamp / Outdoor / Manual / Regular
Gain control	Auto / Manual
Noise suppression	3D NR
Motion Detection	Off / On (4 Zones, Rectangle)
Area of Interest (RoI)	Yes (4 Zones)
Frame rotation	0° / 90° / 180° / 270° (Support 90° / 270° with 1080P resolution and below)
Display	Eat
Privacy mask	4 zones
Audio	
Built-in microphone	Eat
Audio compression	G.711a; G.711Mu; PCM; G.726
Anxiety	
Alarming events	Network shutdown; IP conflict; Illegal access; Motion Detection; Video violation; Stretching; Invasion; Sound detection; Voltage detection; Security Exception
Net	
Network port	RJ-45 (10/100 Base-T)
SDK and API	Eat
Cyber security	Video encryption; Firmware encryption; Configuration encryption; Digest; WSSE; Account blocking; Security logs; IP/MAC filtering; Generate and import X.509 certificate; System log; HTTPS; 802.1x; Trusted download; Entrusted execution; Reliable update
Network protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Bonjour
Compatibility	ONVIF (Profile S / Profile T); CGI; P2P; Milestone
User/Host	20 (Total bandwidth: 48 MB)
Storage	FTP; SFTP; NAS
Browser	IE Chrome Firefox
Management software	Smart PSS; DSS; DMSS
Smartphones	iOS; Android
Ports	
Audio Input	1 channel (RCA port)