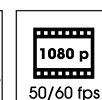
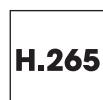




- 1/2.8" 2Megapixel progressive scan STARVIS™ CMOS
- H.265&H.264 triple-stream encoding
- 50/60fps@1080(1920×1080)
- Smart Detection supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 7mm ~35mm 5X zoom lens
- 2/1 Alarm in/out, 1/1 audio in/out
- Max. IR LEDs Length 100m
- Micro SD memory, IP67, IK10, PoE

## THC2735IPB

2MP WDR IR Bullet Network Camera



### Functions

#### ePoE technology

The ePoE technology adopts advanced 2D-PAM3 coding modulation from physical layer, and realizes full duplex transmission over 800 meters at the speed of 10Mbps, or 300 meters at the speed of 100Mbps via Cat 5 or coaxial cable media. Besides, it supports PoE and PoC power supply technology which has greatly simplified construction and wiring. ePoE technology offer a new way to accomplish long distance transmission between IP camera and network switch. It allows more "exible surveillance system design, improves reliability and saves construction and wiring cost.

#### Starlight Technology

For challenging low-light applications, Starlight Ultra-low Light Technology offers best-in-class light sensitivity, capturing color details in low light down to 0.006lux. The camera uses a set of optical features to balance light throughout the scene, resulting in clear images in dark environments.

#### Wide Dynamic Range

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range (WDR) technology. For applications with both bright and low lighting conditions that change quickly, true WDR (120 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

#### Intelligent Video System (IVS)

IVS is a built-in video analytic algorithm that delivers intelligent functions to monitor a scene for Tripwire violations, intrusion detection, and abandoned or missing objects. A camera with IVS quickly and accurately responds to monitoring events in a specific area. In addition to scene analytics, the camera supports face detection to quickly capture a face and upload the image to a server. The camera also offers tamper detection by recognizing a dramatic scene change and generating a warning message to inspect the camera.

#### Protection(IP67, IK10, wide voltage)

The camera allows for ±30% input voltage tolerance, suitable for the most unstable conditions for outdoor applications. Its 6KV lightning rating provides effective protection for both the camera and its structure against lightning. Subjected and certified to rigorous dust and immersion tests (IP67) and impact tests (IK10), the camera is the choice for installation in even the most unforgiving environments.

#### Smart H.265+

Smart H.265+ is the optimized implementation of the H.265 codec that uses a scene-adaptive encoding strategy, dynamic GOP, dynamic ROI, "exible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Smart H.265+ technology reduces bit rate and storage requirements by up to 70% when compared to standard H.265 video compression.

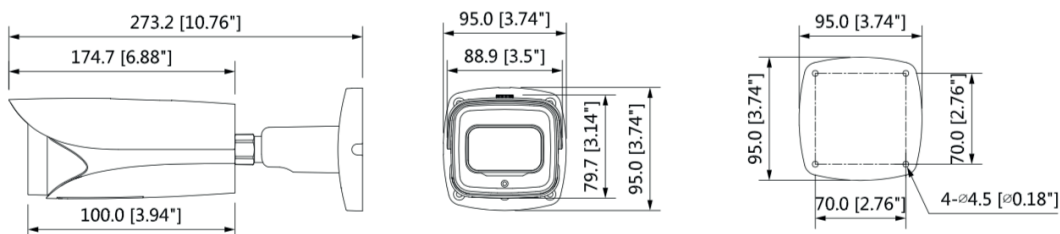
### Technical Specification

Camera	
Image Sensor	1/2.8" 2Megapixel progressive scan CMOS
Effective Pixels	1920(H) x 1080(V)
RAM/ROM	256MB/32MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s
Minimum Illumination	0.006Lux/F1.4 (Color, 1/3s, 30IRE) 0.05Lux/F1.4 (Color, 1/30s, 30IRE) 0Lux/F1.4 (IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 100m (328ft)
IR On/Off Control	Auto/ Manual
IR LEDs	4
Lens	
Lens Type	Motorized/ Auto Iris(HALL)
Mount Type	Board-in
Focal Length	7mm~35mm
Max. Aperture	F1.4
Angle of View	H: 35°~12°, V: 19°~7°
Optical Zoom	5x

Focus Control	Motorized				
Close Focus Distance	0.3m				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	131m(429ft)	52m(170ft)	26m(85ft)	13m(42ft)
	T	427m(1400ft)	171m(561ft)	85m(278ft)	42m(138ft)
<b>Pan/Tilt/Rotation</b>					
Pan/Tilt/Rotation Range	Pan: 0 °~360°; Tilt: 0°~90°; Rotation: 0°~360°				
<b>Intelligence</b>					
IVS	Tripwire, Intrusion, Object Abandoned/Missing				
Advanced Intelligent Functions	Face Detection				
<b>Video</b>					
Compression	H.265+/H.265/H.264+/H.264				
Streaming Capability	3 Streams				
Resolution	1080P(1920x1080)/1.3M(1280x960)/ 720P(1280×720)/D1(704×576/704×480)/ VGA(640×480)/CIF(352×288/352×240)				
Frame Rate	Main Stream: 1080P(1~50/60fps) Sub Stream: D1(1~50/60fps) Third Stream: 1080P(1~25/30fps)				
Bit Rate Control	CBR/VBR				
Bit Rate	H.264: 24~9472Kbps H.265: 14~5632Kbps				
Day/Night	Auto(ICR) / Color / B/W				
BLC Mode	BLC / HLC / WDR(120dB)				
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual				
Gain Control	Auto/Manual				
Noise Reduction	3D DNR				
Motion Detetion	Off / On (4 Zone, Rectangle)				
Region of Interest	Off / On (4 Zone)				
Electronic Image Stabilization (EIS)	N/A				
Smart IR	Support				
Defog	N/A				
Digital Zoom	16x				
Flip	0°/90°/180°/270°				
Mirror	Off/On				
Privacy Masking	Off / On (4 Area, Rectangle)				
<b>Audio</b>					
Compression	G.711a/ G.711Mu/ AAC/ G.726				
<b>Network</b>					
Ethernet	RJ-45 (10/100Base-T)				
Protocol	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				
Interoperability	ONVIF, PSIA, CGI				
Streaming Method	Unicast / Multicast				
Max. User Access	10 Users /20 Users				
Edge Storage	NAS Local PC for instant recording Mirco SD card 128GB				
Web Viewer	IE, Chrome, Firefox, Safari				
Management Software	Smart PSS, DSS, Easy4ip				
Smart Phone	IOS, Android				
<b>Certifications</b>					
Certifications	CE (EN 60950:2000) UL:UL60950-1				
	FCC: FCC Part 15 Subpart B				
<b>Interface</b>					
ideo Interface	1 Port(For adjustment only)				
Audio Interface	1/1 channel In/Out				
RS485	N/A				
Alarm	2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC				

<b>Electrical</b>	
Power Supply	DC12V, PoE (802.3af)(Class 0)
Power Consumption	<12.95W
<b>Environmental</b>	
Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	IK10
<b>Construction</b>	
Casing	Metal
Dimensions	273.2mm×95.0mm×95.0mm (10.76"×3.74"×3.74")
Net Weight	1.11Kg (2.44lb)
Gross Weight	1.51Kg (3.33lb)

## Dimension



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