



**WHITEBOX**  
Surveillance **your** way



## WB-B545 4 MP IR Fixed Mini Dome Network Camera



### Key Features

- 1/2.5" Progressive Scan CMOS
- 2688 × 1520@30 fps
- 2.8mm fixed lens
- H.265+, H.265, H.264+, H.264
- 120dB WDR
- Color: 0.008 Lux @ (F1.2, AGC ON),  
0.014 lux @ (F1.6, AGC ON), 0 lux with IR
- BLC/3D DNR/ROI/HLC
- IP66
- Powered by Darkfighter
- Built-in microSD/SDHC/SDXC card slot,  
up to 128 GB

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## Specifications

Camera	
Image Sensor	1/2.5» Progressive Scan CMOS
Min. Illumination	Color: 0.008 Lux @ (F1.2, AGC ON), 0.014 lux @ (F1.6, AGC ON), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
Axis Adjustment	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Focal Length	2.8mm
Aperture	F1.6
Focus	Fixed
FOV	2.8 mm: Horizontal field of view: 109°, Vertical field of view: 60°, Diagonal field of view: 131°
Lens Mount	M12
IR	
IR Range	Up to 10 m
Wavelength	850nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 16Mbps
Smart Feature-set	
Smart Event	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, alarm output (-S), Email
Region of Interest	Support 1 fixed region for main stream and sub-stream separately
Image	
Max. Resolution	2688 × 1520
Main Stream	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)

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### Specifications

Network	
<b>Network Storage</b>	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
<b>Protocols</b>	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
<b>General Function</b>	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
<b>API</b>	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome
<b>Security</b>	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
<b>Simultaneous Live View</b>	Up to 6 channels
<b>User/Host</b>	Up to 32 users 3 levels: Administrator, Operator and User
<b>Client</b>	iVMS-4200, Hik-Connect, Hik-Central
<b>Web Browser</b>	Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+
Interface	
<b>Audio (-S model)</b>	2 Inputs: Line in or Mic in (built-in microphone), 1 Output: Line out, mono sound, terminal block
<b>Alarm (-S model)</b>	1 input, 1 output (max. 12 VDC, 30 mA), terminal block
<b>Communication Interface</b>	1 RJ45 10M/100M self-adaptive Ethernet port
<b>On-board storage</b>	Built-in Micro SD/SDHC/SDXC slot, up to 128G
<b>SVC</b>	Support H.264 and H.265 encoding
<b>Reset Button</b>	Yes
Audio	
<b>Environment Noise Filtering</b>	Yes
<b>Audio Sampling Rate</b>	8kHz/16kHz/32kHz/44.1kHz/48kHz

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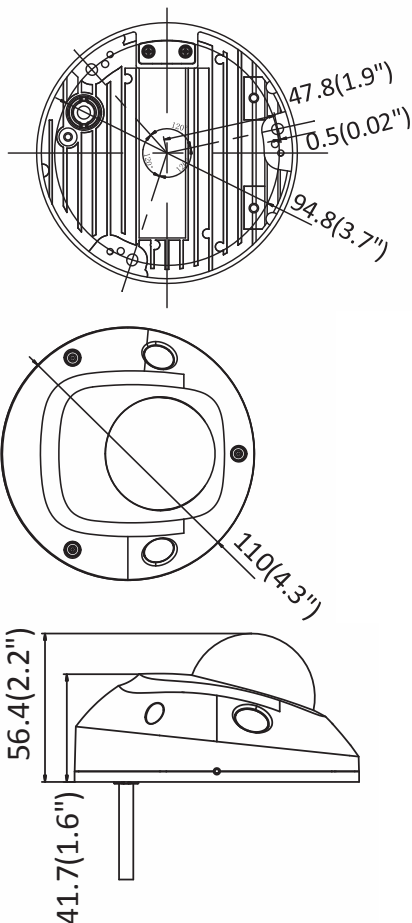
**Specifications**

General	
<b>Operating Conditions</b>	-30 °C to +60 °C [-22 °F to +140 °F], Humidity 95% or less (non-condensing)
<b>Web Client Language</b>	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
<b>Power Supply</b>	12 VDC ± 25%, PoE (802.3af)
<b>Power Consumption and Current</b>	12 VDC, 0.7 A, max. 8.5 W, $\Phi$ 5.5mm coaxial plug power PoE (802.3af, 36 V to 57 V), 0.3 A to 0.1 A, max. 10 W
<b>Protection Level</b>	IK8, IP66
<b>Material</b>	Front cover: plastic, Bottom base: metal
<b>Dimensions</b>	$\Phi$ 110 mm × 56.4 mm ( $\Phi$ 4.3" × 2.2")
<b>Weight</b>	Camera: Approx. 400 g (0.9 lb.)

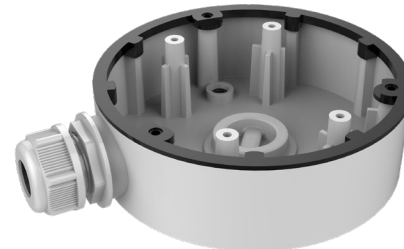
**Available Model**  
 WB-B545

**Dimension**

Unit: mm



**Accessories**



**WBA-1280-DM46**  
 Junction Box