

Comparison Chart



SNH-E6411BN



SNH-P6410BN



SNH-E6440BN

Model	SmartCam HD	SmartCam HD Pro	SmartCam HD Outdoor
Full HD	●	●	●
Pan/Tilt	-	-	-
Digital Pan/Tilt	●	●	●
Easy Set-up	●	●	●
Wide Angle	●	●	●
WDR		●	
Night Vision	● (16ft)	● (16ft)	● (50ft)
SD memory Card	● (32GB)	● (64GB)	● (32GB)
Ingress Protection	-	-	●
Wi-Fi	Single band	Dual band	Single band

SmartCam Application



View remotely with the free SmartCam app.
No monthly viewing or storage fees.



Design and specifications are subject to change without notice.

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SAMSUNG

SAMSUNG TECHWIN

Simple, Smart, Secure

SmartCam[↑]





Stay Connected!

Samsung SmartCam cares for your loved ones while you are away.

SmartCam HD
SNH-E6411BN



SmartCam HD Pro
SNH-P6410BN



SmartCam HD Outdoor
SNH-E6440BN



Full HD

Capture all the details

The Smartcam cameras provides up to 1080p Full HD streaming videos while the large 1/2.8-inch CMOS sensor allows maximum light, yielding vivid colors, brighter video and stunning details.



VGA (640x480)



720p (1280x720)



1080p (1920x1080)

See more closely

Digitally zoom and pan around the room to get close-up on your subject. With 1080p resolution, you can view even the smallest details without missing a thing.



SmartCam HD
SNH-E6411BN



SmartCam HD Pro
SNH-P6410BN



SmartCam HD Outdoor
SNH-E6440BN



Not just clear, but also wide view

While other cameras have constricted angles that limit your view, Samsung cameras allows you to see more than ever before. The 128° ultra-wide angle lens gives you a wider view to maximize your recording coverage without compromising quality.



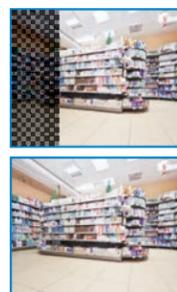
SmartCam HD
SNH-E6411BN



SmartCam HD Pro
SNH-P6410BN



SmartCam HD Outdoor
SNH-E6440BN



Stable LIVE streaming

The SmartCam HD Pro supports dual frequency, 2.4 GHz and 5.0 GHz, providing less interference and a reliable connection.



SmartCam HD Pro
SNH-P6410BN



Stay connected

View anywhere, on any device

SmartCam has absolutely no restriction in accessing the scenes. You are free to use any PCs, tablets or smart phones, whether on Android or iOS.



Starry night, SmartCam turns on owl's eyes

Even in the dark, SmartCam uses built-in infrared LED for continuous watch without bothering anyone. When it gets dark, night vision is turned on automatically into black and white mode.



-  **SmartCam HD**
SNH-E6411BN
-  **SmartCam HD Pro**
SNH-P6410BN
-  **SmartCam HD Outdoor**
SNH-E6440BN

Stay connected using two-way talk

Seeing is not enough. To feel attached and connected to one another, you can talk to you kids, or warn against the dangers of burglaries.



Seize the moments

Motion Zone Select

You can select up to three motion zones in the camera's field of view by simply drawing a box around them on your screen. The camera will alert you when there are qualifying movements in the zone.



MD / AD (Motion Detection, Audio Detection)

Whenever motion and audio is detected, notification message will be sent to your mobile phone and web viewer.

Record what matters most

A microSD™ card slot on the SmartCam lets you locally store your events on a microSDXC memory card. Set your camera for continuous recording, record at scheduled times or set up motion and sound detection.

-  **SmartCam HD**
SNH-E6411BN
-  **SmartCam HD Pro**
SNH-P6410BN
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SNH-E6440BN



Flexible indoor and outdoor monitoring

Back light compensation



SmartCam HD Pro
SNH-P6410BN

The WDR technology enhances details in backlit conditions to give you a clear view of the outside while eliminating murky silhouettes in the foreground.



WDR (off)



WDR (on)

Certified high ingress protections (IP66)



SmartCam HD Outdoor
SNH-E6440BN

The SmartCam HD Outdoor is rigorously tested to achieve an Ingress Protection Rating of IP66 - meaning it's impervious to dust, gusts and the type of temporary flooding known on ship decks. Needless to say, it will stand up to wind and rain!



Easy Installation

Step 1



Connect with push of a wi-fi button



Step 2



Sign-up and register from your Smartcam app or browser



Step 3



View from any remote device

SmartCam HD



SNH-E6411BN

Looking for multi-functional product for home or business?

SmartCam HD is optimal for indoor monitoring.

- Full HD Resolution
- 128° Ultra Wide Angle
- Single Band Wi-Fi (2.4GHz)
- Storage (microSD, Up to 32GB)
- Night Vision up to 16ft
- Two-Way Talk
- Motion and Audio Detection
- Motion Zone Alert

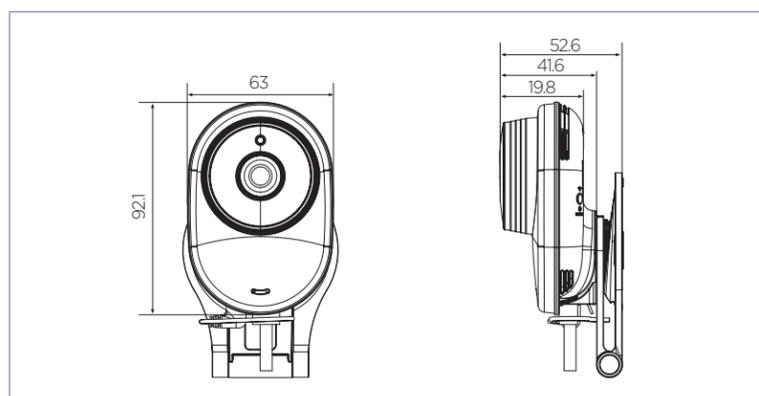


Specifications

SNH-E6411BN	
Video	
Imaging Device	1/2.8" 2M CMOS
Effective Pixels	1944(H) x 1224(V)
Scanning System	Progressive
Low Light Performance	0.3Lux(Color), 0Lux(Black/White)
Lens	
Focal Length (Zoom Ratio)	2.8mm
Angular Field of View	D: 128°, H: 111°, V: 62°
Focus Control	Fixed Lens
Operational	
IR LED	850nm
Viewable Length	5m
On Screen Display	Time Display Only(ony/off)
Day & Night	Auto (True D/N)
WDR	N/A
Motion Detection	Off / On
Audio Detection	Off / On
White Balance	Auto
Digital Zoom	4x
Flip / Mirror	Off / On
Intelligent Video Analytics	3 Motion Zone
Network	
Ethernet	RJ-45 (10/100BASE-T)
Wireless	Wi-Fi 802.11b/g/n (Single Band)
Video Compression Format	H.264, Motion JPEG
Resolution	1920x1080 / 1280x720 / 640x360
Max. Framerate	H.264, 1920x1080 20FPS
Streaming Capability	Multiple Streaming (Up to 5 Profiles)
Audio I/O	Built in Spk/Mic
Audio Compression Format	G.711, G.726
Audio Communication	Bi-directional(Half duplex)
IP	IPv4
Protocol	TCP/IP, DHCP, SMTP, DNS, RTSP, RTP, HTTP, TCP, UDP, STUN, TURN, XMPP, uPNP, SNT, IPv4, ICMP, Bonjour, SUNAPI
Security	SSL(AES 256bit)
Streaming Method	Unicast
Max. User Access	up to 5 users at unicast mode
Memory Slot	microSD/SDHC, up to 32GB
PC OS Support (Web Viewer)	Windows XP / 7 / 8 or higher(Only Desktop UI), MAC OSX10.7 or higher
Mobile OS Support (Mobile Viewer)	Android OS : 4.x or higher, iOS : iOS6 or higher
Supported Browser	Internet Explorer 9.0 or Higher Firefox 9.0 or Higher Chrome 15.0 or Higher Safari 5.1 or Higher
Environmental	
Operating Temperature / Humidity	0°C - +40°C (+32°F - +104°F) / 20% - 80% RH
Ingress Protection	Indoor
Electrical	
Input Voltage / Current	9V/1A
Power Consumption	Max 9W
Mechanical	
Color / Material	White
Dimension (WxHxD)	63.0 x 92.1 x 41.6 mm
Weight	TBD

Dimensions

Unit : mm (inch)



Contents



SmartCam HD Pro



SNH-P6410BN

Looking for multi-functional product for home or business?

SmartCam HD Pro is the best.

- Full HD Resolution
- 128° Ultra Wide Angle
- WDR (Wide Dynamic Range)
- Dual Band Wi-Fi (2.4GHz, 5GHz)
- Storage (microSD, up to 64GB)
- Night Vision up to 16ft
- Two-Way Talk
- Motion and Audio Detection
- Motion Zone Alert

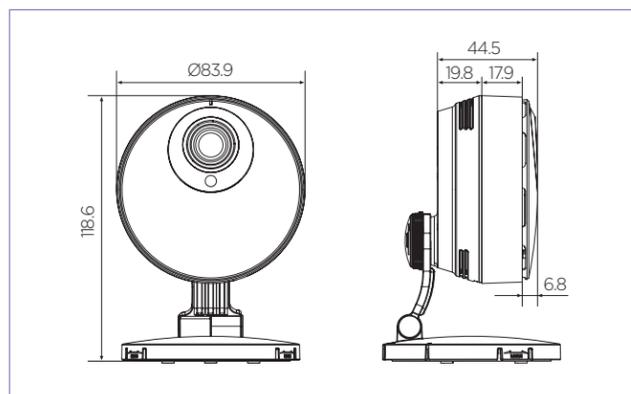


Specifications

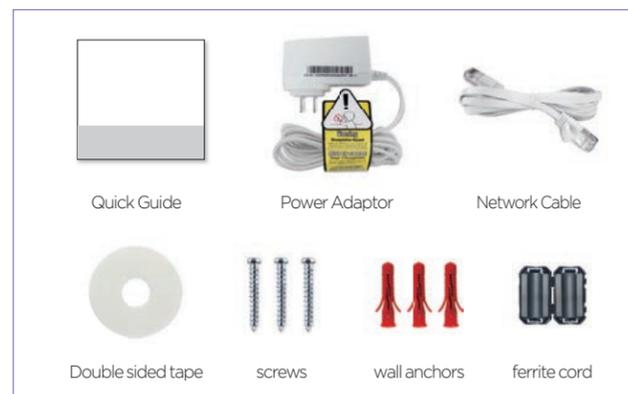
SNH - P6410BN	
Video	
Imaging Device	1/2.8" 2M CMOS
Effective Pixels	1944(H) x 1224(V)
Scanning System	Progressive
Low Light Performance	0.3Lux(Color), 0Lux(Black / White)
Lens	
Focal Length (Zoom Ratio)	2.8mm
Angular Field of View	D:128°, H:111°, V:62°
Focus Control	Fixed Lens
Operational	
IR LED	850nm
Viewable Length	5m
On Screen Display	Time Display Only(on/off)
Day & Night	Auto (True D/N)
WDR	Support
Motion Detection	Off / On
Audio Detection	Off / On
White Balance	Auto
Digital Zoom	4x
Flip / Mirror	Off / On
Intelligent Video Analytics	3 Motion Zone
Network	
Ethernet	RJ-45 (10/100BASE-T)
Wireless	Wi-Fi 802.11 a/b/g/n (Dual Band)
Video Compression Format	H.264, Motion JPEG
Resolution	1920x1080 / 1280x720 / 640x360
Max. Framerate	H.264, 1920x1080 30FPS (PC)
Streaming Capability	Multiple Streaming (Up to 4 Profiles)
Audio I/O	Built in Spk/Mic
Audio Compression Format	G.711, G.726
Audio Communication	Bi-directional(Half duplex)
IP	IPv4
Protocol	TCP/IP, DHCP, SMTP, DNS, RTSP, RTP, HTTP, TCP, UDP, STUN, XMPP, uPNP, SNTP, IPv4, ICMP, Bonjour
Security	SSL(AES 256bit)
Streaming Method	Unicast
Max. User Access	up to 5 users at unicast mode
Memory Slot	microSDXC, up to 64GB
PC OS Support (Web Viewer)	Windows XP / 7 / 8 or higher(Only Desktop UI), MAC OSX10.7 or higher
Mobile OS Support (Mobile Viewer)	Android OS : 4.x or higher, iOS : iOS5 or higher
Supported Browser	Internet Explorer 9.0 or Higher Firefox 9.0 or Higher Chrome 15.0 or Higher Safari 5.1 or Higher
Environmental	
Operating Temperature / Humidity	0°C - +40°C (+32°F - +104°F) / 20% - 80% RH
Ingress Protection	Indoor
Electrical	
Input Voltage / Current	5V/22A
Power Consumption	Max 11W
Mechanical	
Color / Material	White
Dimension (WxHxD)	83.9 x 118.9 x 79.3(Bracket), 44.5/36.5(Body)
Weight	293g

Dimensions

Unit: mm (inch)



Contents



SmartCam HD Outdoor



SNH-E6440BN



SmartCam Outdoor is recommended if you need outdoor monitoring for your homes/stores.

- Modular Type Design (Outdoor Ready)
- Full HD Resolution
- 128° Ultra Wide Angle
- Single Band Wi-Fi (2.4GHz)
- Storage (microSD, Up to 32GB)
- Night Vision up to 50ft
- Motion Detection
- Motion Zone Alert

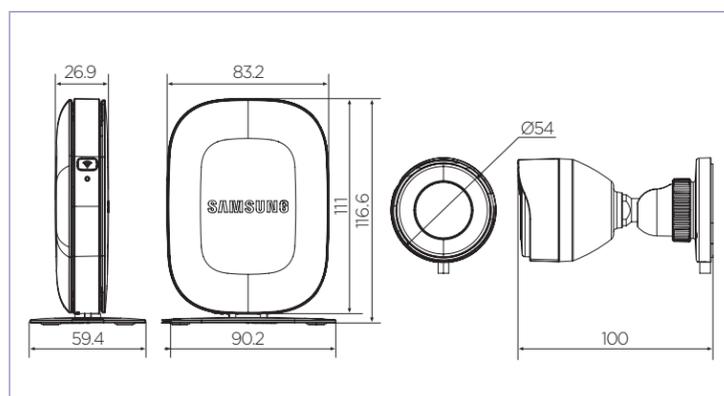


Specifications

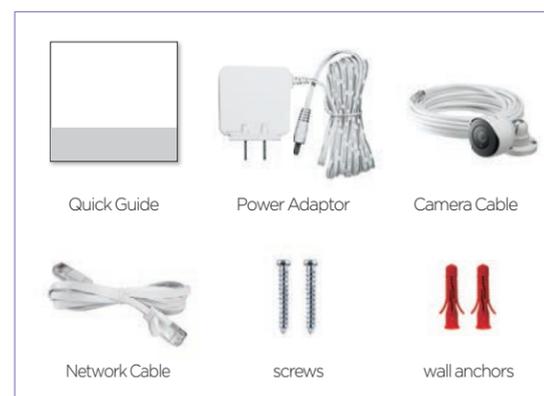
SNH - E6440BN	
Video	
Imaging Device	1/2.8" 2M CMOS
Effective Pixels	1944(H) x 1224(V)
Scanning System	Progressive
Low Light Performance	0.3Lux(Color), 0Lux(Black/White)
Lens	
Focal Length (Zoom Ratio)	2.8mm
Angular Field of View	D: 128°, H: 111°, V: 62°
Focus Control	Fixed Lens
Operational	
IR LED	850nm
Viewable Length	15m
On Screen Display	Time Display Only(on/off)
Day & Night	Auto (True D/N)
WDR	N/A
Motion Detection	Off / On
Audio Detection	Off / On
White Balance	Auto
Digital Zoom	4x
Flip / Mirror	Off / On
Intelligent Video Analytics	3 Motion Zone
Network	
Ethernet	RJ-45 (10/100BASE-T)
Wireless	Wi-Fi 802.11b/g/n (Single Band)
Video Compression Format	H.264, Motion JPEG
Resolution	1920x1080 / 1280x720 / 640x360
Max. Framerate	H.264, 1920x1080 20FPS
Streaming Capability	Multiple Streaming (Up to 5 Profiles)
Audio I/O	Built in Spk/Mic
Audio Compression Format	G.711, G.726
Audio Communication	Bi-directional(Half duplex)
IP	IPv4
Protocol	TCP/IP, DHCP, SMTP, DNS, RTP, RTCP, RTP, HTTP, TCP, UDP, STUN, TURN, XMPP, uPNP, SNTP, IPv4, ICMP, Bonjour, SUNAPI
Security	SSL(AES 256bit)
Streaming Method	Unicast
Max. User Access	up to 5 users at unicast mode
Memory Slot	microSD/SDHC, up to 32GB
PC OS Support (Web Viewer)	Windows XP / 7 / 8 or higher(Only Desktop UI), MAC OSX10.7 or higher
Mobile OS Support (Mobile Viewer)	Android OS : 4.x or higher, iOS : iOS6 or higher
Supported Browser	Internet Explorer 9.0 or Higher Firefox 9.0 or Higher Chrome 15.0 or Higher Safari 5.1 or Higher
Environmental	
Operating Temperature / Humidity	0°C - +40°C (+32°F - +104°F) / 20% - 80% RH
Ingress Protection	IP66(Camera Part), Indoor (Body Part)
Electrical	
Input Voltage / Current	9V/1A
Power Consumption	Max 9W
Mechanical	
Color / Material	White
Dimension (WxHxD)	ø54/104mm(Camera Part), 83.2x111.2x26.9mm (Body Part)
Weight	568g

Dimensions

Unit : mm (inch)



Contents



Product List



SmartCam HD (SNH-E6411BN)

- Full HD Resolution
- 128° Ultra Wide Angle
- Single Band Wi-Fi (2.4GHz)
- Storage (microSD, Up to 32GB)
- Night Vision up to 16ft
- Two-Way Talk
- Motion and Audio Detection
- Motion Zone Alert

SmartCam HD Pro (SNH-P6410BN)

- Full HD Resolution
- 128° Ultra Wide Angle
- WDR (Wide Dinamic Range)
- Dual Band Wi-Fi (2.4GHz, 5GHz)
- Storage (microSD, up to 64GB)
- Night Vision up to 16ft
- Two-Way Talk
- Motion and Audio Detection
- Motion Zone Alert



SmartCam HD Outdoor (SNH-P6440BN)

- Modular Type Design (**Outdoor Ready**)
- Full HD Resolution
- 128° Ultra Wide Angle
- Single Band Wi-Fi (2.4GHz)
- Storage (microSD, Up to 32GB)
- Night Vision up to **50ft**
- Motion Detection
- Motion Zone Alert



Specifications

	SNH-E6411BN	SNH-P6410BN	SNH-E6440BN
Video			
Imaging Device	1/2.8" 2M CMOS	1/2.8" 2M CMOS	1/2.8" 2M CMOS
Effective Pixels	1944(H) x 1224(V)	1944(H) x 1224(V)	1944(H) x 1224(V)
Scanning System	Progressive	Progressive	Progressive
Low Light Performance	0.3Lux(Color), 0Lux(Black / White)	0.3Lux(Color), 0Lux(Black / White)	0.3Lux(Color), 0Lux(Black / White)
Lens			
Focal Length (Zoom Ratio)	2.8mm	2.8mm	2.8mm
Angular Field of View	D: 128°, H: 111°, V: 62°	D: 128°, H: 111°, V: 62°	D: 128°, H: 111°, V: 62°
Focus Control	Fixed Lens	Fixed Lens	Fixed Lens
Operational			
IR LED	850nm	850nm	850nm
Viewable Length	5m	5m	15m
On Screen Display	Time Display Only(on/off)	Time Display Only(on/off)	Time Display Only(on/off)
Day & Night	Auto (True D/N)	Auto (True D/N)	Auto (True D/N)
WDR	N/A	Support	N/A
Motion Detection	Off / On	Off / On	Off / On
Audio Detection	Off / On	Off / On	Off / On
White Balance	Auto	Auto	Auto
Digital Zoom	4x	4x	4x
Flip / Mirror	Off / On	Off / On	Off / On
Intelligent Video Analytics	3 Motion Zone	3 Motion Zone	3 Motion Zone
Network			
Ethernet	RJ-45 (10/100BASE-T)	RJ-45 (10/100BASE-T)	RJ-45 (10/100BASE-T)
Wireless	Wi-Fi 802.11b/g/n (Single Band)	Wi-Fi 802.11a/b/g/n (Dual Band)	Wi-Fi 802.11b/g/n (Single Band)
Video Compression Format	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Resolution	1920x1080 / 1280x720 / 640x360	1920x1080 / 1280x720 / 640x360	1920x1080 / 1280x720 / 640x360
Max. Framerate	H.264, 1920x1080 20FPS	H.264, 1920x1080 30FPS (PC)	H.264, 1920x1080 20FPS
Streaming Capability	Multiple Streaming (Up to 5 Profiles)	Multiple Streaming (Up to 4 Profiles)	Multiple Streaming (Up to 5 Profiles)
Audio I/O	Built in Spk / Mic	Built in Spk / Mic	Built in Spk / Mic
Audio Compression Format	G.711, G.726	G.711, G.726	G.711, G.726
Audio Communication	Bi-directional(Half duplex)	Bi-directional(Half duplex)	Bi-directional(Half duplex)
IP	IPv4	IPv4	IPv4
Protocol	TCP/IP, DHCP, SMTP, DNS, RTSP, RTP, HTTP, TCP, UDP, STUN, TURN, XMPP, uPNP, SNTIP, IPv4, ICMP, Bonjour, SUNAPI	TCP/IP, DHCP, SMTP, DNS, RTSP, RTP, HTTP, TCP, UDP, STUN, XMPP, uPNP, SNTIP, IPv4, ICMP, Bonjour	TCP/IP, DHCP, SMTP, DNS, RTSP, RTP, HTTP, TCP, UDP, STUN, TURN, XMPP, uPNP, SNTIP, IPv4, ICMP, Bonjour, SUNAPI
Security	SSL (AES 256bit)	SSL (AES 256bit)	SSL (AES 256bit)
Streaming Method	Unicast	Unicast	Unicast
Max. User Access	up to 5 users at unicast mode	up to 5 users at unicast mode	up to 5 users at unicast mode
Memory Slot	microSD/SDHC, up to 32GB	microSDXC, up to 64GB	microSD/SDHC, up to 32GB
PC OS Support (Web Viewer)	Windows XP / 7 / 8 or higher(Only Desktop UI), MAC OS X 10.7 or higher	Windows XP / 7 / 8 or higher(Only Desktop UI), MAC OS X 10.7 or higher	Windows XP / 7 / 8 or higher(Only Desktop UI), MAC OS X 10.7 or higher
Mobile OS Support (Mobile Viewer)	Android OS : 4.x or higher, iOS : iOS6 or higher	Android OS : 4.x or higher, iOS : iOS5 or higher	Android OS : 4.x or higher, iOS : iOS6 or higher
Supported Browser	Internet Explorer 9.0 or Higher Firefox 9.0 or Higher Chrome 15.0 or Higher Safari 5.1 or Higher	Internet Explorer 9.0 or Higher Firefox 9.0 or Higher Chrome 15.0 or Higher Safari 5.1 or Higher	Internet Explorer 9.0 or Higher Firefox 9.0 or Higher Chrome 15.0 or Higher Safari 5.1 or Higher
Environmental			
Operating Temperature / Humidity	0°C - +40°C (+32°F - +104°F) / 20% - 80% RH	0°C - +40°C (+32°F - +104°F) / 20% - 80% RH	0°C - +40°C (+32°F - +104°F) / 20% - 80% RH
Ingress Protection	Indoor	Indoor	IP66 (Camera Part), Indoor (Body Part)
Electrical			
Input Voltage / Current	9V/1A	5V/2.2A	9V/1A
Power Consumption	Max 9W	Max 11W	Max 9W
Mechanical			
Color / Material	White	White	White
Dimension (WxHxD)	63.0 x 92.1 x 41.6 mm	83.9 x 118.9 x 79.3(Bracket), 44.5/36.5(Body)	ø54/104mm(Camera Part), 83.2x111.2x26.9mm (Body Part)
Weight	TBD	293g	568g