Product Guide
2019

WebStore 4
IP CAMERAS

www.uniview.com
Sales: overseasbusiness@uniview.com
Technical Support: globalsupport@uniview.com

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uniarch

INTRODUCTION

Optimal price, reliable quality guarantee, easiest-to-use.

Uniarch hits the entry-level surveillance market with brand-new IP products which own incredible highly cost performance and advanced features.

Uniarch includes IP cameras and video recorders that is the optimal option for the small-to-medium business applications such as residential, retail stores. They are capable of providing Ultra 265, maximum 95% bandwidth and storage reduction, wide dynamic range to ensure excellent image with significant foreground and background illumination difference.

Uniarch, totally new look, totally high cost-effective, totally not that complicated.

CONTENT

Network Camera

01 | 2MP

04 | 3MP

07 | 4MP

NVR

2MP Mini Fixed Bullet Network Camera

IPC-B112-PF28(40)

Key Features

Opticsx

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

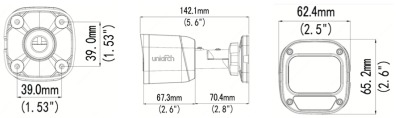
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

Dimensions



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Specifications

	IPC-B112-PF28			IPC-B112-PF40	
Camera					
Sensor	1/2.9", progressive scan, CMOS				
Lens	2.8mm@F2.0			4.0mm@F2.0	
Sensor	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	45.0	18.0	9.0	4.5
	4.0	64.3	25.7	12.9	6.4
Angle of View (H)	107.8°			82.0°	
Angle of View (V)	56.7°			41.4°	
Angle of View (O)	140.1°			100.9°	
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°	Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.0, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps;Sub Stream: 4CIF (704*576), Max 25fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 4.5W				
Dimensions (L × W × H)	142.1 × 62.4 × 65.2mm (5.6" × 2.5" × 2.6")				
Weight	0.18kg (0.40lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

2MP Vandal-resistant Network IR Fixed Dome Camera

IPC-D112-PF28(40)

Key Features

Opticsx

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

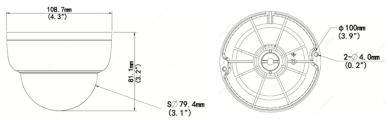
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 2-Axis

Dimensions



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Specifications

	IPC-D112-PF28			IPC-D112-PF40	
Camera					
Sensor	1/2.9", progressive scan, CMOS				
Lens	2.8mm@F2.0			4.0mm@F2.0	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	45.0	18.0	9.0	4.5
	4.0	64.3	25.7	12.9	6.4
Angle of View (H)	107.8°			82.0°	
Angle of View (V)	56.7°			41.4°	
Angle of View (O)	140.1°			100.9°	
Adjustment angle	Pan: 3° ~ 360°			Tilt: 0° ~ 75°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.0, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps;Sub Stream: 4CIF (704*576), Max 25fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 4.5W				
Dimensions (Ø x H)	Ø108.7 x 81.1mm (Ø4.3" x 3.2")				
Weight	0.33kg (0.73lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				
Vandal Resistant	IK10				

2MP Fixed Dome Network Camera

IPC-T112-PF28(40)

Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

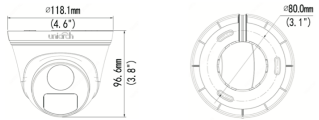
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Dimensions



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Specifications

	IPC-T112-PF28			IPC-T112-PF40	
Camera					
Sensor	1/2.9", progressive scan, CMOS				
Lens	2.8mm@F2.0			4.0mm@F2.0	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	45.0	18.0	9.0	4.5
	4.0	64.3	25.7	12.9	6.4
Angle of View (H)	107.8°			82.0°	
Angle of View (V)	56.7°			41.4°	
Angle of View (O)	140.1°			100.9°	
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°	Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.0, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps;Sub Stream: 4CIF (704*576), Max 25fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 4.5W				
Dimensions (Ø x H)	Ø118.1 x 96.6mm (Ø4.6" x 3.8")				
Weight	0.27kg (0.60lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

3MP Mini Fixed Bullet Network Camera

IPC-B113-PF28(40)

Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

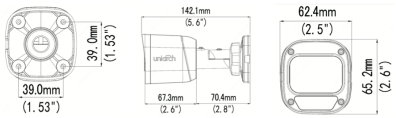
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

Dimensions



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Specifications

	IPC-B113-PF28			IPC-B113-PF40	
Camera					
Sensor	1/2.9", progressive scan, CMOS				
Lens	2.8mm@F2.0			4.0mm@F2.0	
Sensor	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	45.0	18.0	9.0	4.5
	4.0	64.3	25.7	12.9	6.4
Angle of View (H)	107.8°			82.0°	
Angle of View (V)	56.7°			41.4°	
Angle of View (O)	140.1°			100.9°	
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°	Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.0, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 25fps;Sub Stream: 4CIF (704*576), Max 25fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
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Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 4.5W				
Dimensions (L × W × H)	142.1 × 62.4 × 65.2mm (5.6" × 2.5" × 2.6")				
Weight	0.18kg (0.40lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

3MP Vandal-resistant Network IR Fixed Dome Camera

IPC-D113-PF28(40)

Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

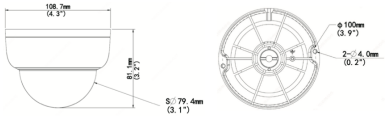
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 2-Axis

Dimensions



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	IPC-D113-PF28			IPC-D113-PF40	
Camera					
Sensor	1/2.9", progressive scan, CMOS				
Lens	2.8mm@F2.0			4.0mm@F2.0	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	45.0	18.0	9.0	4.5
	4.0	64.3	25.7	12.9	6.4
Angle of View (H)	107.8°			82.0°	
Angle of View (V)	56.7°			41.4°	
Angle of View (O)	140.1°			100.9°	
Adjustment angle	Pan: 3° ~ 360°			Tilt: 0° ~ 75°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.0, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 25fps;Sub Stream: 4CIF (704*576), Max 25fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 4.5W				
Dimensions (Ø x H)	Ø108.7 x 81.1mm (Ø4.3" x 3.2")				
Weight	0.33kg (0.73lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				
Vandal Resistant	IK10				

3MP Fixed Dome Network Camera

IPC-T113-PF28(40)

Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

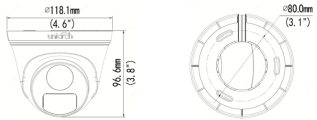
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Dimensions



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Specifications

	IPC-T113-PF28			IPC-T113-PF40	
Camera					
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Lens	2.8mm@F2.0			4.0mm@F2.0	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	45.0	18.0	9.0	4.5
	4.0	64.3	25.7	12.9	6.4
Angle of View (H)	107.8°			82.0°	
Angle of View (V)	56.7°			41.4°	
Angle of View (O)	140.1°			100.9°	
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.0, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 25fps;Sub Stream: 4CIF (704*576), Max 25fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 4.5W				
Dimensions (Ø x H)	Ø118.1 x 96.6mm (Ø4.6" x 3.8")				
Weight	0.27kg (0.60lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

4MP Mini Fixed Bullet Network Camera

IPC-B114-PF28(40)

Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

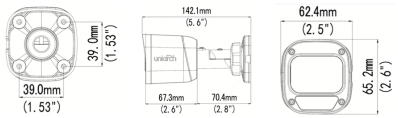
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

Dimensions



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Specifications

	IPC-B114-PF28			IPC-B114-PF40	
Camera					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8mm@F2.0			4.0mm@F2.0	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	56.0	22.4	11.2	5.6
	4.0	80.0	32.0	16.0	8.0
Angle of View (H)	112.7°			86.5°	
Angle of View (V)	60.1°			44.1°	
Angle of View (O)	146.5°			106.4°	
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°	Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.0, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 20fps; 1080P (1920*1080), Max 20fps;Sub Stream: 720P (1280*720), Max 20fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 4.5W				
Dimensions (L × W × H)	142.1 × 62.4 × 65.2mm (5.6" × 2.5" × 2.6")				
Weight	0.18kg (0.40lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

4MP Vandal-resistant Network IR Fixed Dome Camera

IPC-D114-PF28(40)

Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

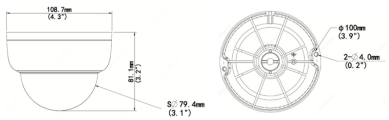
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 2-Axis

Dimensions



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Specifications

	IPC-D114-PF28			IPC-D114-PF40	
Camera					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8mm@F2.0			4.0mm@F2.0	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	56.0	22.4	11.2	5.6
	4.0	80.0	32.0	16.0	8.0
Angle of View (H)	112.7°			86.5°	
Angle of View (V)	60.1°			44.1°	
Angle of View (O)	146.5°			106.4°	
Adjustment angle	Pan: 3° ~ 360°			Tilt: 0° ~ 75°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.0, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 20fps; 1080P (1920*1080), Max 20fps;Sub Stream: 720P (1280*720), Max 20fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 4.5W				
Dimensions (Ø x H)	Ø108.7 x 81.1mm (Ø4.3" x 3.2")				
Weight	0.33kg (0.73lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				
Vandal Resistant	IK10				

4MP Fixed Dome Network Camera

IPC-T114-PF28(40)

Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

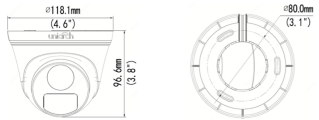
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Dimensions



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Specifications

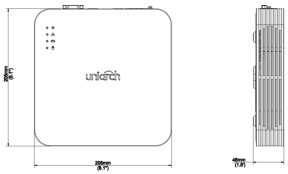
	IPC-T114-PF28			IPC-T114-PF40	
Camera					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8mm@F2.0			4.0mm@F2.0	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	56.0	22.4	11.2	5.6
	4.0	80.0	32.0	16.0	8.0
Angle of View (H)	112.7°			86.5°	
Angle of View (V)	60.1°			44.1°	
Angle of View (O)	146.5°			106.4°	
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°	Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.0, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 20fps; 1080P (1920*1080), Max 20fps;Sub Stream: 720P (1280*720), Max 20fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 4.5W				
Dimensions (Ø x H)	Ø118.1 x 96.6mm (Ø4.6" x 3.8")				
Weight	0.27kg (0.60lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

NVR-104LB-P4

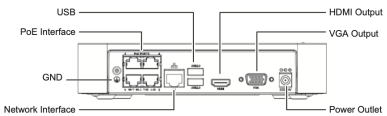
Key Features

- Support Ultra 265/H.265/H.264 video formats
- 4-channel input
- Plug & Play with 4 independent PoE network interfaces
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 2MP resolution recording
- 1 SATA HDD, up to 10 TB
- Support cloud upgrad

Dimensions



Rear Panel



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Specifications

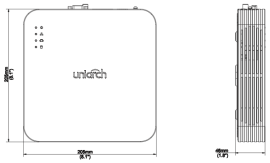
Model	NVR-104LB-P4
Video/Audio Input	
IP Video Input	4-ch
Network	
Incoming Bandwidth	40Mbps
Outgoing Bandwidth	40Mbps
Remote Users	128
Protocols	P2P, UPnP, NTP, DHCP, PPPoE
Video/Audio Output	
HDMI/VGA Output	HDMI:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	1080p/960p/720p/D1/2CIF/CIF
Synchronous Playback	4-ch
Corridor Mode Screen	3/4
Decoding	
Decoding format	Ultra 265/H.265/H.264
Liveview/Playback	1080p/960p/720p/D1/2CIF/CIF
Capability	4 x 1080p@20, 4 x 720p@30
Hard Disk	
SATA	1 SATA interface
Capacity	up to 10TB for each disk
External Interface	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0
PoE	
Interface	4 independent 100 Mbps PoE network interfaces
Max Power	Max 30W for single port Max 54W in total (13.5W for each)
Supported Standard	IEEE 802.3at, IEEE 802.3af
General	
Power Supply	48V DC Power Consumption: ≤5 W (without HDD)
Working Environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	205mm × 205mm × 47mm (8.1" × 8.1" × 1.9")
Weight (without HDD)	0.64kg (1.41lb)

NVR-104LS-P4

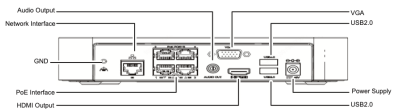
Key Features

- Support Ultra 265/H.265/H.264 video formats
- 4-channel input
- Plug & Play with 4 independent PoE network interfaces
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 5MP resolution recording
- 1 SATA HDD, up to 10 TB
- Support cloud upgrad

Dimensions



Rear Panel



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Specifications

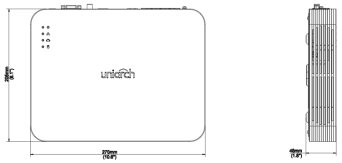
Model	NVR-104LS-P4
Video/Audio Input	
IP Video Input	4-ch
Network	
Incoming Bandwidth	40Mbps
Outgoing Bandwidth	40Mbps
Remote Users	128
Protocols	P2P, NTP, DHCP, PPPoE
Video/Audio Output	
HDMI/VGA Output	HDMI:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Audio Output	1 RCA
Recording Resolution	1080p/960p/720p/D1/2CIF/CIF
Synchronous Playback	4-ch
Decoding	
Decoding format	Ultra 265/H.265/H.264
Liveview/Playback	1080p/960p/720p/D1/2CIF/CIF
Capability	1 x5MP@30, 2 x4MP@25, 2 x3MP@30,4 x 1080p@25
Hard Disk	
SATA	1 SATA interface
Capacity	up to 10TB for each disk
External Interface	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0
PoE	
Interface	4 independent 100 Mbps PoE network interfaces
Max Power	Max 30W for single port Max 54W in total (13.5W for each)
Supported Standard	IEEE 802.3at, IEEE 802.3af
General	
Power Supply	48V DC Power Consumption: ≤10 W (without HDD)
Working Environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	205mm × 205mm × 46mm (8.1" × 8.1" × 1.8")
Weight (without HDD)	0.64kg (1.41lb)

NVR-108LB-P8

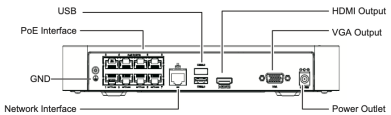
Key Features

- Support Ultra 265/H.265/H.264 video formats
- 8-channel input
- Plug & Play with 8 independent PoE network interfaces
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 2MP resolution recording
- 1 SATA HDD, up to 10 TB
- Support cloud upgrade

Dimensions



Rear Panel



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Specifications

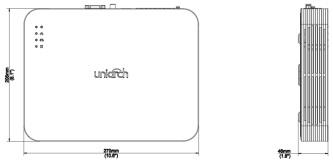
Model	NVR-108LB-P8
Video/Audio Input	
IP Video Input	8-ch
Network	
Incoming Bandwidth	40Mbps
Outgoing Bandwidth	40Mbps
Remote Users	128
Protocols	P2P, UPnP, NTP, DHCP, PPPoE
Video/Audio Output	
HDMI/VGA Output	HDMI:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	1080p/960p/720p/D1/2CIF/CIF
Synchronous Playback	8-ch
Corridor Mode Screen	3/4/5/7/9
Decoding	
Decoding format	Ultra 265/H.265/H.264
Liveview/Playback	1080p/960p/720p/D1/2CIF/CIF
Capability	4 x 1080p@20, 4 x 720p@30
Hard Disk	
SATA	1 SATA interface
Capacity	up to 10TB for each disk
External Interface	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0
PoE	
Interface	8 independent 100 Mbps PoE network interfaces
Max Power	Max 30W for single port Max 108W in total (13.5W for each)
Supported Standard	IEEE 802.3at, IEEE 802.3af
General	
Power Supply	52V DC Power Consumption: ≤5.5 W (without HDD)
Working Environment	-10°C~+55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	270mm × 205mm × 47mm (10.6"×8.1"×1.9")
Weight (without HDD)	0.7kg (1.54lb)

NVR-108LS-P8

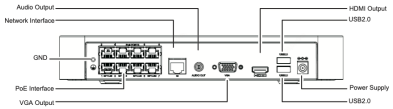
Key Features

- Support Ultra 265/H.265/H.264 video formats
- 8-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 5MP resolution recording
- 1 SATA HDD up to 10 TB
- Support cloud upgrade

Dimensions



Rear Panel



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Specifications

Model	NVR-108LS-P8
Video/Audio Input	
IP Video Input	8-ch
Network	
Incoming Bandwidth	50Mbps
Outgoing Bandwidth	40Mbps
Remote Users	128
Protocols	P2P, NTP, DHCP, PPPoE
Video/Audio Output	
HDMI/VGA Output	HDMI:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Synchronous Playback	8-ch
Corridor Mode Screen	3/4/5/7/9
Decoding	
Decoding format	Ultra 265/H.265/H.264
Liveview/Playback	5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	1 x 5MP@30, 2 x 4MP@25, 2 x 3MP@30,4 x 1080p@25, 8 x 960p@25,8 x 720p@30
Hard Disk	
SATA	1 SATA interface
Capacity	up to 10TB for each disk
External Interface	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0
Supported Standard	IEEE 802.3at, IEEE 802.3af
External Interface	
Interface	8 independent 100 Mbps PoE network interfaces
Max Power	Max 30W for single port Max 108W in total (13.5W for each)
Supported Standard	IEEE 802.3at, IEEE 802.3af
General	
Power Supply	52V DC Power Consumption: ≤9 W (without HDD)
Working Environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	270mm × 205mm × 45mm (10.6"×8.1"×1.6")
Weight (without HDD)	0.8kg (1.76 lb)