



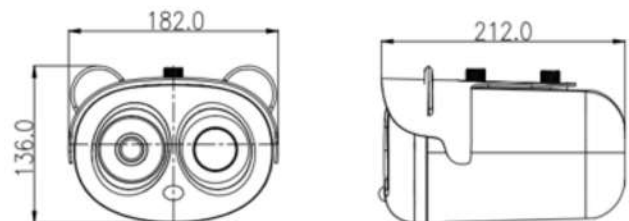
SEC-BODYTEPCAM1

Body Temperature Detection Network Camera

- On-board temp-detection algorithm
- One IP address two channels
- Standard Image: 2 Megapixel (1920 x 1080) Resolution
Thermal Image: Effective pixels 400x300
- Sensitivity 40mK
- Thermal: 8mm Fixed lens, Visible: 2.7-12mm motorized lens
- Accuracy within 0.54°F (0.3°C)
- Body detection, up to 16 Targets
- Response Time 30ms
- 17 color control

Thermal Camera	SEC-BODYTEPCAM1	
Detector Type	Uncooled IRFPA Microbolometer	
Effective Pixels	400(H) x300(V)	
Pixel Size	17um	
Thermal Sensitivity (NETD)	40mK @F1.0, 300K	
Spectral Range	8~14um	
Image Setting	Polarity LUT/ DVE/ Mirror/ FCC/ /3D DNR Brightness/Contrast/ ROI	
Color Palettes	Black-Heat /White-Heat/Rainbow/Iron-Red up to 17 modes	
Thermal Lens		
Lens Type	Fixed	
Focus Control	Manual Focus	
Focal Length	8mm	
F No.	F1.0	
Angle of View	H: 46°, V:35.3°	
Visible Camera		
Image Sensor	1/1.9" Sony CMOS	
Effective Resolution	1920(H)x1080(V)	
Shutter Speed	1/50 ~ 1/64,000s	
Wide Dynamic Range	True WDR 120dB	
Min. Illumination	Color: 0.01Lux @(F1.2, AGC ON) B/W: 0.001Lux @(F1.2, AGC ON)	
S/N Ratio	More than 55dB	
Focal Length	2.7 ~ 12mm	
Max Aperture	F1.6~ F2.9	
Angle of View	105°~ 32°	
Focus Control	Motorized	
Video and Audio		
Compression	H.265, H.264, MJPEG	
Frame Rate	Main Stream: Thermal: D1 @25/30fps Visible: 1920x1080/1280x720 @25/30fps	
	Sub Stream: Thermal: CIF @25/30fps Visible: D1/VGA/640x360/CIF/QCIF/QVGA @25/30fps	
	Bit Rate Control	CBR/VBR
	Bit Rate	Thermal: 100Kbps~6Mbps Visible: main stream: 500Kbps~10Mbps; sub stream: 100Kbps~6Kbps
Region of Interest	Off / On (8 Zone, Rectangle)	
Digital Zoom	16x	
Mirror	Support	
Defog	Support	
Motion Detection	Support	
Privacy Masking	Off / On (4 Area, Rectangle)	
DVE Image Enhance	Support	
Audio Compression	G.711, AMR, RAW_PCM (Optional)	
Intelligence		
Intelligent Functions	Motion detection, Disk alarm, I/O alarm, Temperature alarm	
IVS	Smart Body Detection, Perimeter, Single Virtual Fences, Double Virtual Fences, Object Left, Object Removed	

Temperature Detection	
Detection Mode	Body temperature monitoring
Detection Preset	Max 16 goals
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	≤ 0.54° (0.3 °C) Emission rate, distance, ambient temperature
Response Time	≤30ms
Theory of temperature measurement range	-4°F ~ 140°F (-20 °C ~ 60 °C)
Temperature display mode	Temperature target 5°C, Display absolute temperature value;
	Temperature target ≤5°C, Display relative temperature value (temperature difference DEV = highest value - average)
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocols:	IPv4/IPv6, HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPoE, SMTP, SIP, .802.1x
Interoperability	ONVIF, CGI, SDK
Streaming Method	Unicast
Max. User Access	10 Users
Edge Storage	NAS
	Local PC for instant recording Micro SD card 128GB
Web Viewer	<IE11, Chrome, Firefox
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian
Interface	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Audio In,1ch Audio Out
Alarm	2ch Alarm In,2ch Alarm Out
RS485	Support
BNC Output	N/A
Reset Button	Support (Built-in)
General	
Power Supply	DC12V/POE (IEEE 802.3af)
Power Consumption	Max 10W
Operating Temperature	-30°C~60°C(-22°F~ 140°F)
Storage Conditions	0~ 90% RH
Certifications	CE /FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	8.34" x 7.16" x 5.35" (212x182x136mm)
Net Weight	4.4lbs (2Kg)
Mounting Options	Ceiling or Wall Brackets Optional



Ordering Information

SEC-BODYTEPCAM1: Body Temperature Cameras

InVid Tech, reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.



Face Intelligent Recognition

- ✔ Deep learning
- ✔ Quick determination of the over temperatured target



Thermal Temperature Measure

- ✔ No-contact temperature measure
- ✔ Multiple target quick measure



Big Data Analysis

- ✔ Health data
- ✔ Statistics report
- ✔ Analysis of epidemic trend

SYSTEM FORMATIONS





SN1A-4X4T

4 Channel NVR with 4 Plug and Play Ports, Body Temperature Detection

- 4 Channel with 4 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 8 Megapixel Resolution Recording
- 40 Mbs Bit Rate Input
- Works with ONVIF or other supported IP cameras
- Local HDMI main monitor output with 4K Support
- Local VGA main monitor output up to 1080p
- H.265/H.265+/H.264/H.264+ video compression
- Free Central Management Software (CMS)

System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video and Audio	
IP Camera Input	4 Channel
Audio I/O	1/1, RCA
Two-way Talk	Yes
Display	
Interface	1 HDMI, 1 VGA
Resolution	HDMI: 3840x2160,1920x1080,1440x900, 1280x1024 VGA: 1920x1080, 1280x1024, 1280x720
Decoding Capacity	1ch 8MP/4ch 1080P@30fps
Multi-screen Display	1/4
Recording	
Compression	H.265+ / H.265/H.264+/H.264
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/720P/ D1&etc.
Record Rate	40Mbps
Bit Rate	100Kbps ~ 6Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), Motion Detection, Video Loss, Camera Tamper, Alarm In
Record Interval	Post-record: 30 ~ 60 sec
Video Detection and Alarm	
Trigger Events	Recording, Buzzer, Push message, Pop up message.
Video Detection	Motion Detection, Video Loss, Camera Tamper
Alarm In/Out	4/1
Playback and Backup	
Sync Playback	4/1
Search Mode	Time /Date, Alarm, Picture grid, Event
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device
Network	
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP
Max. User	Access 9 users
Smart Phone	IPhone, iPad, Android
Interoperability	ONVIF, SDK, CGI
Storage	
Internal HDD	1 SATA Ports, up to 8TB for each HDD
Interface	
Interface	1 RJ-45 port (10/100Mbps)
PoE Interface	4ch 100Mbps, IEEE 802.3af
PoE Max Power	40W
USB	2 ports (USB 2.0 x2)
General	
Power Supply	DC48V/1.25A
Power Consumption	< 5W (without HDD)
Operating Conditions	14 °F ~ 122 °F (-10 °C ~ 50 °C)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC
Dimensions	10.03" x 9.25" x 1.87 (255x235x47.5mm)
Net Weight	0.9kg (No disk)



Ordering Information

SN1A-4X4: 4 Ch NVR with body temp features

InVid Tech. reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.



SN1A-8X8T

8 Channel NVR with 8 Plug and Play Ports, Body Temperature Detection

- 8 Channel with 8 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 8 Megapixel Resolution Recording
- 80 Mbs Bit Rate Input
- Works with ONVIF or other supported IP cameras
- Local HDMI main monitor output with 4K Support
- Local VGA main monitor output up to 1080p
- H.265/H.265+/H.264/H.264+ video compression
- Free Central Management Software (CMS)



System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video and Audio	
IP Camera Input	8 Channel
Audio I/O	1/1, RCA
Two-way Talk	Yes
Display	
Interface	1 HDMI, 1 VGA
Resolution	HDMI: 3840×2160,1920×1080,1440×900, 1280×1024, VGA: 1920×1080, 1280×1024, 1280×720
Decoding Capacity	1ch 8MP/4ch 1080P@30fps
Multi-screen Display	1/4/09
Recording	
Compression	H.265+/ H.265/H.264+/H.264
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/720P/ D1&etc.
Record Rate	80Mbps
Bit Rate	100Kbps ~ 6Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), Motion Detection, Video Loss, Camera Tamper, Alarm In
Record Interval	Post-record: 30 ~ 60 sec
Video Detection and Alarm	
Trigger Events	Recording, Buzzer, Push message, Pop up message.
Video Detection	Motion Detection, Video Loss, Camera Tamper
Alarm In/Out	8/1
Playback and Backup	
Sync Playback	8/4/01
Search Mode	Time /Date, Alarm, Picture grid, Event
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device
Network	
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP
Max. User	Access 9 users
Smart Phone	IPhone, iPad, Android
Interoperability	ONVIF, SDK, CGI
Storage	
Internal HDD	2 SATA Ports, up to 8TB for each HDD
eSATA	N/A
Interface	
Interface	1 RJ-45 port (10/100Mbps)
PoE Interface	8ch 100Mbps, IEEE 802.3af
PoE Max Power	80W
USB	2 ports (USB 2.0 x2)
General	
Power Supply	DC48V/2.5A
Power Consumption	< 5W (without HDD)
Operating Conditions	14 °F ~ 122 °F (-10 °C ~ 50 °C)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC
Dimensions	14.64" x 12.22" x 1.83" (372×310.5×46.5mm)
Net Weight	4.62lb (2.1kg) No disk

Ordering Information

SN1A-8X8T: 8 Ch NVR with body temp features

InVid Tech. reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.

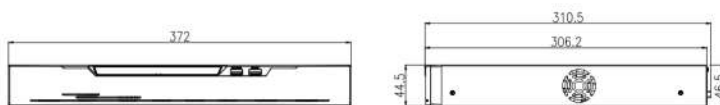


SN1A-16X16T

16 Channel NVR with 16 Plug and Play Ports,
Body Temperature Detection

- 16 Channel with 16 Plug & Play Ports for easy camera setup
- PoE (Power Over Ethernet) available on all ports
- Up to 8 Megapixel Resolution Recording
- 160 Mbs Bit Rate Input
- Works with ONVIF or other supported IP cameras
- Local HDMI main monitor output with 4K Support
- Local VGA main monitor output up to 1080p
- H.265/H.265+/H.264/H.264+ video compression
- Free Central Management Software (CMS)

System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video and Audio	
IP Camera Input	16 Channel
Audio I/O	1/1, RCA
Two-way Talk	Yes
Display	
Interface	1 HDMI, 1 VGA
Resolution	HDMI: 3840×2160,1920×1080,1440×900, 1280×1024, VGA: 1920×1080, 1280×1024, 1280×720
Decoding Capacity	1ch 8MP/4ch 1080P@30fps
Multi-screen Display	1/4/9/16
Recording	
Compression	H.265+/ H.265/H.264+/H.264
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/720P/ D1&etc.
Record Rate	160Mbps
Bit Rate	100Kbps ~ 6Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), Motion Detection, Video Loss, Camera Tamper, Alarm In
Record Interval	Post-record: 30 ~ 60 sec
Video Detection and Alarm	
Trigger Events	Recording, Buzzer, Push message, Pop up message.
Video Detection	Motion Detection, Video Loss, Camera Tamper
Alarm In/Out	8/2
Playback and Backup	
Sync Playback	16/9/4/1
Search Mode	Time /Date, Alarm, Picture grid, Event
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device
Network	
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP
Max. User	Access 9 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF, SDK, CGI
Storage	
Internal HDD	2 SATA Ports, up to 8TB for each HDD
eSATA	N/A
Interface	
Interface	1 RJ-45 port (10/100/1000Mbps)
PoE Interface	16ch 100Mbps, IEEE 802.3af
PoE Max Power	120W
USB	2 ports (USB 2.0 x2)
General	
Power Supply	AC100~240V
Power Consumption	< 5W (without HDD)
Operating Conditions	14 °F ~ 122 °F (-10 °C ~ 50 °C)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC
Dimensions	14.64" x 12.22" x 1.83" (372×310.5×46.5mm)
Net Weight	4.62lb (2.1kg) No disk



Ordering Information

SN1A-16X16T: 16 Ch NVR with body temp features

InVid Tech, reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.



SN1A-32X16TF

32 Channel NVR with 16 Plug and Play Ports,
Body Temperature Detection & Facial Recognition

- 32 Channel with 16 Plug & Play Ports for easy camera setup
PoE (Power Over Ethernet) available on all ports
- Up to 32ch picture stream face recognition
- Up to 20 face pictures /sec processing
- Up to 16 face databases with 10,000 face images in total
- Up to 12 Megapixel Resolution Recording
- 320 Mbs Bit Rate Input
- Works with ONVIF or other supported IP cameras
- Local HDMI main monitor output with 4K Support
- Local VGA main monitor output up to 1080p
- H.265/H.265+/H.264/H.264+ video compression
- Supports RAID 5/6/10
- Free Central Management Software (CMS)

System	SN1A-32X16
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video and Audio	
IP Camera Input	32 Channel
Audio I/O	1-Jan
Two-way Talk	Yes
Face Recognition	
Performance	Max 20 face pictures /sec processing, 32ch picture stream face recognition
Stranger Mode	Detect strangers' faces (not in device's face database), Similarity threshold can be set manually
AI Search	Search for image by image, Search image by properties
Database Management	Up to 16 face databases with 10,000 face images in total
Database Application	Every data can be applied to any channel
Trigger Events	Buzzer, Alarm push, Alarm prompt, Email, Alarm Out, Compare the result simultaneously, etc.
AI Recognition	
Face	Face comparison results (registrant (name and ID), stranger, channel, similarity)
Vehicle	Recently captured image display
Human Body	Recently captured image display
Non-motor Vehicle	Recently captured image display
AI Search	Time, Properties, Pictures, Gender, Riding style, Vehicle color, License plate
Display	
Interface	1 HDMI, 1 VGA
Resolution	HDMI 1: 3840x2160, 1920x1080, 1440x900, 1280x1024, VGA: 1920x1080, 1440x900, 1280x1024
Decoding Capacity	32ch 720P, 16ch 1080P, 8ch 4MP, 4ch 8MP, 1ch 12MP
Multi-screen Display	1st Screen: 1/4/8/9/16/32/36, 2nd Screen: 1/4/8/9/16
Recording	
Compression	H.265+ / H.265/H.264+ /H.264
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
Record Rate	320Mbps
Bit Rate	128Kbps - 8192Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous, Motion Detection, Video Loss, Camera Tamper, Alarm In, IVS)
Record Interval	Post-record: 30 - 60 sec
Video Detection and Alarm	
Trigger Events	Recording, Buzzer, Push message, Pop up message.
Video Detection	Motion Detection, Video Loss, Camera Tamper, IVS
Alarm In/Out	16/4
Playback and Backup	
Sync Playback	16/9/4/1
Search Mode	Time /Date, Alarm, Picture grid, Event
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device
Network	
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE
Max. User	Access 10 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF, SDK, CGI
Storage	
Internal HDD	4 SATA Ports, up to 12TB for each HDD
eSATA	Support
Cloud Storage	Support
Disk Array	
Array Type	RAID 5, RAID 6, RAID 10
Interface	
Interface	1 RJ-45 port (10/100/1000Mbps)
PoE Interface	16ch 100Mbps, IEEE 802.3af
PoE Max Power	160W
USB	3 ports (USB 2.0 x2, USB3.0 x1)
RS485	Support
RS232	Support
General	
Power Supply	AC100-240V
Power Consumption	< 15W (without HDD)
Operating Conditions	-10 °C ~ 50 °C (14 °F ~ 122 °F)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC
Dimensions	440x368.3x70mm
Net Weight	4.2kg (No disk)

Ordering Information

SN1A-32X16: 32 Ch NVR with body temp features

InVid Tech, reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.