

## INVID-K42T54: 4 Channel NVR with 2 TB + (4) 5-Megapixel Cameras NDAA Compliant



4 Ch NVR with 4 Plug & Play Ports, 40 Mbps, 1 HD Bay, 4K

- Up to 8 Megapixel Resolution Recording
- 40 Mbps Bit Rate Input
- Supports up to 4 channel Simultaneous playback
- Smart Analytic Support
- Local HDMI main monitor output with 4K support
- Local VGA main monitor output up to 1080p
- True P2P Connectivity with QR Code Connect
- Multiple video search options including Smart Search for quick retrieval of footage.
- H.265S/ H.265+/ H.265/ H.264
- 1 Hard Drive Bay
- Free Central Management Software (CMS)
- Free iOS & Android Apps for Smart Phones & Tablets
- Free MAC Client

OS	Embedded Linux
Video	
Network Input	4 CH IPC input
Network Input Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
Output	HDMI x 1: 3840 x 2160 / 1920 x 1080 / 1280 x 1024/ 1024 x 768 VGA: 1920 x 1080 / 1280 x 1024/ 1024 x 768
Compression	H.265S /H.265+ / H.265 / H.264
Audio	
Network Input	4 CH IPC audio input
2-way Audio	RCA x 1
Local Output	RCA x 1
Compression	G.711(U/A)
Record	
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
Frame Rate	NTSC:30fps; PAL:25fps
Playback	
Simultaneous Playback	Max. 4 CH
Search	Time slice / time / event / tag / smart search
Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
Function	Play, pause, FF, FB, digital zoom, etc.
Decoding Capability	
Live View/ Playback	1CH 8MP.
Alarm	
Mode	Manual, sensor, motion, exception, smart events
Input	Supports IPC alarm input
Output	Supports IPC alarm output
Triggering	Record, snap, preset, e-mail, etc.
Other Functions	
Plate Recognition	Yes
Fisheye Support	No
Video Structure Analysis	
Human/Vehicle Classification	Yes
Network	
Interface	RJ 45 x 1 (10/100/1000Mbps)
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, ONVIF, etc.
Incoming/ Outgoing Bandwidth	40/40 (Mbps)
Client Connection	Max. 10 users access
Mobile Device	
OS	iOS, Android
Storage	
HDD Interface	SATA3.0 x 1, up to 18TB
Backup	
Local Backup	USB, USB To HDD (1TB Max)
Network Backup	Yes
Port	
USB	USB 2.0 x 2
Remote Controller	Included
PoE	
PoE Ports	100M RJ45 x 4
Standards	IEEE802.3AF/AT
Output Power	≤ 48W
Others	
Power Supply	DC 48V/1.25A
Consumption	≤ 10W ( without HDD )
Dimensions ( W x D x H )	11.8 x 9.8 x 1.7 In (300 x 249 x 45 mm)
Working Environment	14°F ~ 122°F (-10°C ~ 50°C)10% ~ 90% humidity
Certificate	CE, FCC, ETL: 5025761
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE



5 MEGAPIXEL IP PLUG & PLAY, OUTDOOR TURRET, FIXED LENS, UP TO 98' IR RANGE, TRUE WDR, BUILT-IN MIC, SD CARD SLOT, POE/12VDC

- 5 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 98'
- H.265+, H.265, H.264+, H.264
- 20 FPS Recording and Live
- True WDR 120dB
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Supports Corridor Mode
- Supports Native Chrome/EDGE Use
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client

Image Sensor	1 / 2.7" CMOS
Image Size	2880x1620
Electronic Shutter	1 s ~ 1 / 1000000 s
Iris Type	Fixed Iris
Min. Illumination	0.007 lux @F1.6, AGC ON; 0 lux with IR
Lens	2.8mm@F1.6, Horizontal FoV:110.5°; Vertical FoV:57°; Diagonal FoV:131°
Focus	Fixed
Lens Mount	M12
Day&Night	ICR
Wide Dynamic Range	120db
BLC	Yes
HLC	Yes
Digital NR	Yes
Angle Adjustment	Pan: 0° ~ 360°; Tilt: 0° ~ 75°; Rotation: 0° ~ 360°
Image	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Compression Standard	Main Profile@Leve4.1 High Tier
Resolution	5MP ( 2880 x 1620 ), 4MP ( 2560 x 1440 ), 3MP ( 2304 x 1296 ), 1080P ( 1920 x 1080 ), 720P ( 1280 x 720 ), D1, 480x 240, CIF
Main Stream	60Hz: 5MP(1"20fps)/4MP(3MP/1080P/720P)(1"30fps); 50Hz: 5MP(1"20fps)/4MP(3MP/1080P/720P)(1"25fps)
Sub Stream	60Hz: 720P/D1/CIF (1"30fps);50Hz: 720P/D1/CIF (1"25fps)
Third Stream	60Hz: D1/480x 240/CIF (1"30fps);50Hz: D1/480x 240/CIF(1"25fps)
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Functions	
Remote Monitoring	Web browser, Paramont NVR, Paramont CMS AI, Paramont CMS Mobile APP
Web Browser	IE (plug-in required)/Google Chrome/Edge/Firefox/Safari
Online Connection	Support simultaneous monitoring for up to 4 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, 802.1x, UPnP, HTTP, HTTPS, QoS
Interface Protocol	ONVIF Profile T
Storage	Network remote storage
Smart Alarm	Motion detection
Intelligent Analytics	Object removal detection (object left/missing), scene change detection, video blur detection, intrusion detection and line crossing detection
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock
PoE	Yes
IR Distance	98'
Ingress Protection	IP67
DORI Distance	
Lens	Detect (ft)    Observe (ft)    Recognize (ft)    Identify (ft)
2.8mm	195.8(59.67m)    78.3(23.87m)    39.1(11.93m)    19.6(5.97m)
Interfaces	
Network	RJ45
Video Output	No
Audio	1CH audio input; 1CH built-in MIC
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes
Audio Sensitivity	-36db
Others	
Power Supply	DC12V/PoE
Power Consumption	< 5.5W
Operating Environment	-22°F ~ 140°F ( - 30 °C ~ 60 °C) Humidity:less than 95 % (non-condensing)
Storage Environment	-22°F ~ 149°F ( - 30 °C ~ 65°C), Humidity: less than 95 % (non-condensing)
Power Supply	DC12V/PoE
Power Consumption	< 5.5W
Operating Environment	-22°F ~ 140°F ( - 30 °C ~ 60 °C) Humidity:less than 95 % (non-condensing)
Storage Environment	-22°F ~ 149°F ( - 30 °C ~ 65°C), Humidity: less than 95 % (non-condensing)
Dimensions ( mm )	Φ 3.72" x 3.26" (94.6 x 82.8mm)
Weight ( net )	Approx. 0.99lb (0.45KG)
Installation	Ceiling mounting (Wall mounting available with the junction box and bracket)
Certificate	CE, FCC, ETL: 5025761
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)



### Ordering Information

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