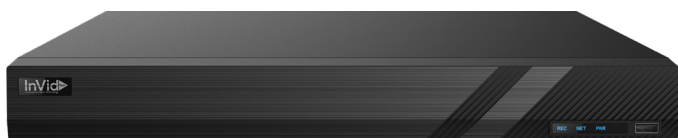


## INVID-K164T512: 16 Channel NVR with 4 TB +(12) 5-Megapixel Cameras NDAA Compliant



EASY TO INSTALL



16 Ch NVR with 16 Plug & Play Ports, 96 Mbps, 2 HD Bays

- Up to 8 Megapixel Resolution Recording for quick retrieval of footage.
- 96 Mbps Bit Rate Input
- Supports up to 16 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
- H.265S/ H.265+/ H.265/ H.264
- 2 Hard Drive Bays
- Free Central Management Software (CMS)
- Free iOS & Android Apps for Smart Phones & Tablets
- Free MAC Client

5 Megapixel IP Plug & Play, Outdoor Turret, 65' IR Range, Built-in Mic, PoE/12VDC

- 5 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 65'
- H.265/H.264
- 20 FPS Recording and Live
- D-WDR
- Micro SD Slot: Up to 128GB
- Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client

OS	Embedded Linux
Video	
Network Input	16 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	16 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	N:30fps; P:25fps
Playback	
Simultaneous Playback	Max. 16 CH
Search	Time slice / time / event / tag search/ 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; 4CH 1080P
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	No
Video Structure Analysis	
Human/Vehicle Classification	Yes
Network	
Interface	RJ 45 1000Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, RTSP, SNMP, ONVIF, etc.
Incoming/Outgoing Bandwidth	96Mbps/96Mbps
Client Connection	Max.10 users access
Mobile Device	
OS	iOS, Android
Storage	
HDD Interface	SATA3.0 x 2, max 14TB per HDD
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	RJ 45 100 Mbps x 16
Standards	IEEE802.3AF/AT
Output Power	≤ 150W
Others	
Power Supply	DC 48V/3.75A
Consumption	≤ 10W ( without HDD )
Dimensions ( W x D x H )	14.9 x 10.5 x 1.7 In (380 x 268 x 45 mm )
Working Environment	14°F ~ 122°F (-10 ~ 50 )10% ~ 90% humidity
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE

Image Sensor	1 / 2.7 "CMOS
Image Size	2592x1944
Electronic Shutter	1 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.0236 lux @F2.0, AGC ON; 0 lux with IR
Lens	2.8 mm @F2.0, horizontal FoV: 93.4°; Vertical FoV: 77°; Diagonal FoV: 106°
Lens Mount	M12
Wide Dynamic Range	Digital WDR
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt:0°~75°; Rotation: 0°~360°
Image	
Video Compression	H.265 / H.264
H.265 Compression Standard	Main Profile@Leve4.1 High Tier
Resolution	5MP ( 2592 x 1944 ), 4MP ( 2560 x 1440 ), 1080P ( 1920 x 1080 ), 720P ( 1280 x 720 ), D1, CIF, 480 x 240
Main Stream	60Hz : 5MP(1*20fps)/ 4MP(1*30fps)/ 1080P(1*30fps)/ 720P(1*30fps) 50Hz : 5MP(1*20fps)/4MP (1*25fps)/1080P (1*25fps)/ 720P (1*25fps)
Sub Stream	60Hz : 720P(1*15fps)/D1(1*30fps)/CIF (1*30fps); 50Hz:720P(1*12fps)/D1(1*25fps)/CIF (1*25fps)
Third Stream	60Hz : D1/CIF/480x240 (1*30fps); 50Hz: D1/CIF/480x240 (1*25fps)
Bit Rate	64 Kbps ~ 5 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Interfaces	
Network	RJ45
Video Output	No
Audio	1CH built-in MIC
Storage	Built-in micro SD card slot, up to 128GB
Reset	Yes
Functions	
Remote Monitoring	Web browsing,CMS remote control
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
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	65' (20~ 30 m)
Ingress Protection	IP67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 5W
Operating Environment	-22°F~140°F (- 30 °C ~ 60 °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
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)

Ordering Information

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