

Network IP Surveillance Kits

DRN-K1044TQ 4-Channel NVR + 4 IP Cameras

DRN-K1086TQ 8-Channel NVR + 6 IP Cameras

DRN-K11612TQ 16-Channel NVR + 12 IP Cameras

ENFORCER Surveillance Kits offer all the elements for an easy plug-and-play installation. The included IP cameras provide excellent picture quality with True Wide Dynamic Range (WDR) and Digital Noise Reduction (3DNR). The NVR features built-in AI functions for multiple security purposes. The kits are suitable for various applications due to their cost-effectiveness and simple-to-install design.

NVR Features

- EV-N2506-2W4WQ 5MP 2.8mm Turret Cameras included
- Compatible with 8MP (4K) IP Cameras
- Wizard assistance for easy first time set up
- Plug-and-Play
- Built-in PoE Ports (IEEE 802.3af/at)
- VGA and HDMI outputs with up to 4K resolution
- DRN-K1044TQ & DRN-K1086TQ include 2TB HDD, DRN-K11612TQ includes 4TB HDD*
- Other HDD sizes available by special order, including 1/2/4/6/8/10 TB
- ONVIF Profile S
- Tri-stream encoding
- Live view recording and playback up to 4K@30FPS†
- 8 Sensor inputs, 1 alarm relay output (DRN-K11612TQ only)
- Easy app setup with QR code
- P2P for simple remote connections using PC or mobile device
- 9 AI functions including human and vehicle detection
- Facial recognition with EV-N2806-2W4WQ 8MP Turret Camera

Camera Features

- 1/2.7" 5MP SmartSens CMOS sensor
- 30FPS@5MP (2880x1620)
- 2.8mm lens
- H.265, H.264, and MJPEG
- True Wide Dynamic Range (WDR)
- Digital Noise Reduction (3DNR)
- True Day & Night function with ICR module
- IP66 Weatherproof
- IR Range 98' (30mm)
- Smart IRs adjust IR strength to conditions

AI Functions

- Face Detection
- Human & Vehicle Detection
- Perimeter Intrusion Detection
- Line Crossing Detection
- Stationary Object Detection
- Cross Counting
- Heat Map
- Crowd Density Detection
- Queue Length Detection

*DRN-K11612TQ supports up to two HDDs

†DRN-K11612TQ is 4K@45FPS.

SECO-LARM® U.S.A., Inc.

16842 Millikan Avenue, Irvine, CA 92606

Phone: (949) 261-2999 | (800) 662-0800 Fax: (949) 261-7326

Website: www.seco-larm.com Email: sales@seco-larm.com



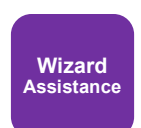
DRN-K1044TQ



DRN-K1086TQ



DRN-K11612TQ



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NVR Specifications

NVR Kit Model	DRN-K1044TQ	DRN-K1086TQ	DRN-K11612TQ
IP camera included	4x EV-N2506-2W4WQ	6x EV-N2506-2W4WQ	12x EV-N2506-2W4WQ
Video			
Camera support	Up to 8MP (4K)		
Incoming bandwidth	50Mbps	76Mbps	112Mbps
Outgoing bandwidth	48Mbps	32Mbps	96Mbps
HDMI output	1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080, 2560x1440, 3840x2160 (4K)		
VGA output	1024x768, 1280x720, 1280x1024, 1440x900, 1920x1080		
Framerate	4K: Up to 30FPS, 4MP: Up to 60FPS, 2MP: Up to 120FPS		4K: Up to 45FPS, 4MP: Up to 90FPS, 2MP: Up to 180FPS
Compression	H.265+/H.265/H.264+/H.264		
AI	Support		
Playback Function	Fast forward / backward (2x, 4x, 8x, 16x)		
	Slow forward (1/2x, 1/4x, 1/8x, 1/16x)		
User Interface			
Local	UI5.0		
Web	IE10/11, Safari V12.1 above, Firefox V.52 above, Google Chrome V.57 above, Edge V.79 above		
Auxiliary Interface			
HDMI output	1 Output		
VGA output	1 Output		
POE input	4xRJ45	8xRJ45	16xRJ45
USB	USB2.0 x 1 front & 1 rear		
Alarm I/O	None	None	8 In / 1 Out
Included HDD	2TB SATA		4TB SATA
Internal storage capacity	1 SATA HDD, up to 10TB	1 SATA HDD, up to 10TB	2 SATA, each HDD up to 10TB
General			
Power Supply	48VDC@1.2A	48VDC@1.5A	48VDC@3.75A
Power Consumption	5W	6W	8W
Dimensions (WxDxH)	11 ¹¹ / ₁₆ " x 8 ¹⁵ / ₁₆ " x 2 ¹ / ₁₆ " (300x227x53 mm)		14 ⁷ / ₈ " x 13 ³ / ₈ " x 2" (378x340x50 mm)
Operating temperature	32°~104°F (0°~40°C)		
Humidity	Less than 90%RH		

Camera Specifications

Image sensor	1/2.7" 5MP SmartSens CMOS sensor
Effective pixels	2880(H)x1620(V)
Scanning system	Progressive scan
Electronic shutter speed	Auto, manual; 1/5 s to 1/20,000 s
Minimum illumination	Color: 0.1 lux at F1.2 (AGC on) 0 lux
IR distance	Distance up to 98'
IR On/Off control	Auto, Manual
IR LEDs	2pcs (850nm) LEDs
Focal length	2.8mm
Maximum aperture	F1.6
Field of view	Horizontal: 110°, Vertical: 58°, Diagonal:133°
Bit rate control	CBR/VBR
Bit rate	Main Stream: 256 to 8192 Kbps, Sub Stream: 128 to 4096 Kbps, Mobile Stream: 8 to 1536 Kbps
Backlight	BLC, HLC, True WDR
White balance	Auto
Gain control	Auto
Noise reduction	3DNR
Smart IR	Support
Image rotation	0°, 180°
Mirror	Disable, vertical, horizontal, All
Privacy masking	Off, On (4 areas, rectangle)