



CNE0410, CNE0810, CNE1610

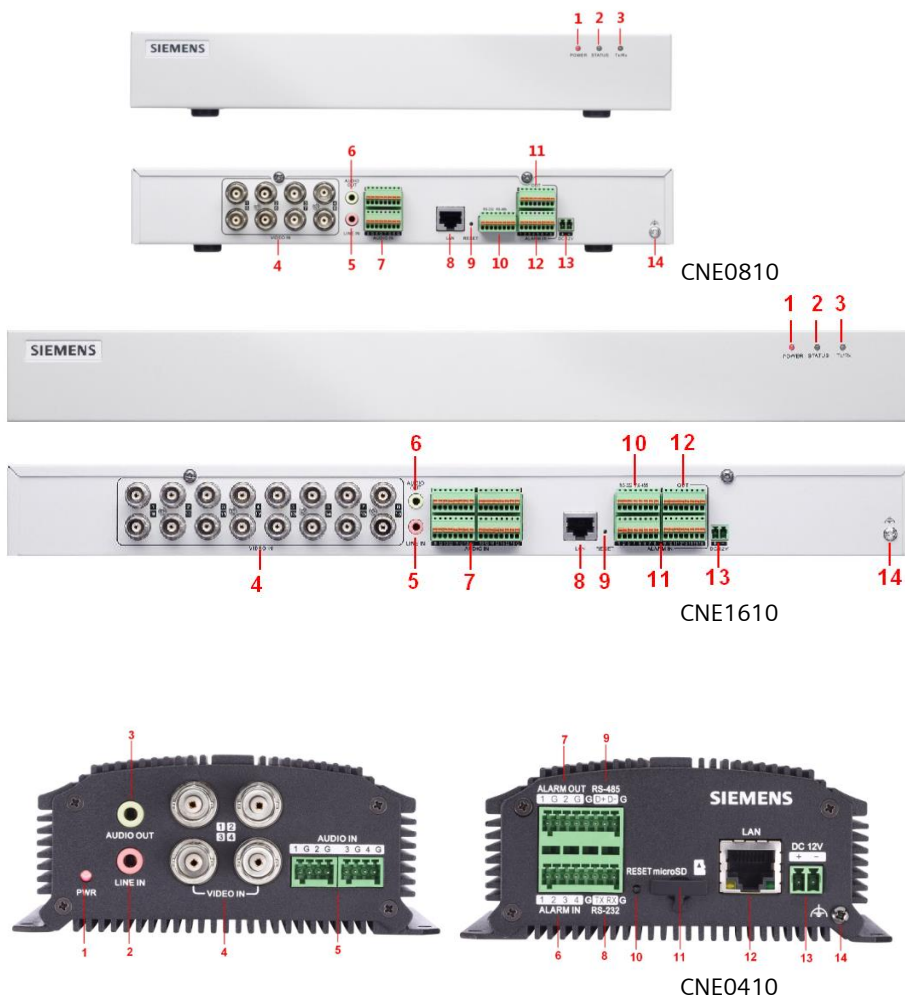
**4, 8 & 16 Channel IP Video Encoder ,
H.264, MPEG-4, MPEG-2, MJPEG**



CNE0410
CNE0810
CNE1610

The new range of IP Video Encoders can effectively extend the transmission distance of any analogue camera by connecting it to an existing or new IP network, and is the ideal device for supporting the cost effective migration of analogue to IP video systems. Along with quadruple encoding for more flexibility, The ONVIF compatibility enables the encoder to be interoperable with many other 3rd party ONVIF IP-based security systems. The integrated motion detection is also an enhancement for all analogue systems and provides additional system security. Furthermore it is a perfect addition to our Vectis iX recoding range.

- H.264, MPEG-4, MPEG-2 & MJPEG quadruple encoding
- Support encoding video at up to 4CIF resolution
- PAL & NTSC input signal supported
- High encoding performance: 25 ips @ PAL, 30 ips @ NTSC
- ONVIF protocol support
- Motion & Alarm detection
- MicroSD card support up to 32Gb for local alarm recording (CNE0410 only)
- RS485 telemetry / PTZ control output
- 12 V DC power supply (Power adaptor provided) & PoE (CNE0410 only)
- 19" rack-mount (CNE1610 only)



Legend (CNE0810 ; CNE1610)

- 1 LED Power Indicator
- 2 LED System Status Indicator
- 3 LED Tx/Rx Network Status Indicator
- 4 Video Input
- 5 Line In
- 6 Audio Output
- 7 Audio Input
- 8 Network Port
- 9 Reset Button
- 10 RS232 Port, RS485 Port
- 11 Alarm Input
- 12 Alarm Output
- 13 DC12V Power Cord Connector
- 14 Ground Connector

Legend (CNE0410)

- 1 LED Power Indicator
- 2 Line In
- 3 Audio Output
- 4 Video Input
- 5 Audio Input
- 6 Alarm Input
- 7 Alarm Output
- 8 RS-232
- 9 RS-485
- 10 Reset Button
- 11 microSD slot
- 12 Network Port
- 13 DC12V Power Cord Connector
- 14 Ground Connector

■ Details for ordering

Type	Part no.	Designation	Weight
CNE0410	S54561-C122-A100	4CH IP A/V ENCODER H.264	0.900 kg
CNE0810	S54561-C123-A100	8CH IP A/V ENCODER H.264	2.400 kg
CNE1610	S54561-C124-A100	16CH IP A/V ENCODER H.264	4.200 kg

■ Technical data

	CNE0410	CNE0810	CNE1610
Inputs/Outputs			
Video inputs	4 Composite (BNC 1.0 Vpp, 75 Ohm), PAL/NTSC (auto detection)	8 Composite (BNC 1.0 Vpp, 75 Ohm), PAL/NTSC (auto detection)	16 Composite (BNC 1.0 Vpp, 75 Ohm), PAL/NTSC (auto detection)
Audio inputs	4 line level RCA (2.0 Vpp, 1 kOhm)	8 line level RCA (2.0 Vpp, 1 kOhm)	16 line level RCA (2.0 Vpp, 1 kOhm)
Global Two-way Audio Input	1 ch, 3.5mm interface (2.0 vpp, 1kOhm)		
Audio output	1 ch, 3.5mm interface (Linear, 600 Ohm)		
Alarm inputs	4, NC or NO, TTL	8, NC or NO, TTL	16, NC or NO, TTL
Alarm outputs	2 relay output		4 relay output

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Network	1 RJ-45 Ethernet interface (10 M / 100 Mbps adaptive)	1 RJ-45 Ethernet interface (10M / 100M / 1000M bps adaptive)	
Protocols	IPv4/v6, HTTP, HTTPS, QoS layer3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, hkDDNS, NTP, RTSP, RTP/RTCP, TCP, UDP, IGMP, ICMP, DHCP, ARP, SOCKSv4/v5, PSIA, OnVIF, netFilter		
Serial interfaces	1 half-duplex RS-485 interface, 1 RS-232 interface		
PTZ supported protocol	1602-Protocols; 3609hd; A-01; AB-D,AB-P; ACES; ADV; ALSON; ANTEN; BBV-RS422; BEWATOR-PELCO-D; DRAGON; DSCP; HIKVISION; HY; Honeywell; INFINOVA; infinovadcp001a; integrative; KALATEL; KC3360S; KTD-348; Kony; LC-D2104; LG-D2104; LG MULTIX; LILIN; MAOWANG; NAUIE; NITRO; PANASONIC_CS850; PANASONIC_CS850; PELCO-D; PELCO-P; PELCO-RS422TY; PHILIPS; PHILIPS-3; PIH-1016; PLD; RM110; RedApple; SAE; SHINEI; SONY-EVI-D; SPD-2200; SUNELL; SAMSUNG; Siemens(SCU); TC-PELCO-D; TC-PELCO-P; TCL-PELCO-D; TCL-PELCO-P; TECHWIN; TIANDY-PELCO-D; TIANDY-PELCO-P; TIANMIN-PELCO-D; TIANMIN-PELCO-P; TL-HHX2000; TL-PELCO-P; TL-PELCO-P; TL-V1200; TL-V1200; Tiandy; VC-2000PTC-C; VCL; VICON; VIDO B-01; VIDO B-02; YAAN-1; YAAN-2; YF-06; YOULI		
Encoding			
Compression	H.264/MPEG4/MPEG2/MJPEG (video), G.711 (audio)		
Encoding speed	H.264/MPEG4/MPEG2 encoding: up to 100 ips (PAL), up to 120 ips (NTSC) MJPEG encoding: up to 60ips Dual stream supported	H.264/MPEG4/MPEG2 encoding: 25 fps (P) / 30 fps (N) MJPEG encoding: 15 fps Dual stream supported	
Stream Type	Video, Video & Audio		
Encoding resolution	4CIF / 2CIF / CIF / QCIF		
Encoding Bit Rate	Video: 32 Kbps ~ 3072 Kbps, or user defined (Max. 8192 Mbps) Audio: 64 Kbps		
Encoding mode	Continuous, Motion, Alarm, Manual		
System			
Operating system	Embedded Linux (built-in flash memory)		
Storage	MicroSD (up to 32GB) Support NAS, iSCSI, IPSAN connection	Support NAS, iSCSI, IPSAN connection	
Specifications			
Power requirements	PoE & 12 VDC (power adapter 100~240VAC provided in the box)	12 VDC (power adapter 100~240VAC provided in the box)	
Power consumption	Max. 8W	Max. 10W	Max. 22W
Ambient temperature, operating	-10°C ~ +55°C		
Relative humidity	10% ~ 90%, no condensation		
Dimensions (W × H × D)	114 × 48 × 128 mm	315 × 45 × 200 mm	440 × 45 × 274 mm 19" Rack-mount with brackets (provided)
Gross Weight	0.900 kg	2.400 kg	4.200 kg
Net Weight	0.840 kg	2.220 kg	3.840 kg
Approvals	CE		

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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