



cecomsa®

AV. ROMULO BETANCOURT, #331 BELLA VISTA, D. N.
 TEL:809-532-7028 / FAX:809-534-9430

RNC : 102316163

SEÑORES : JUNTA CENTRAL ELECTORAL
 EMAIL : angel_mejia@jce.do, diomedes02_8@yahoo.com
 PROPUESTA : Cotización
 ASUNTO : CP-15-2017

NO. COTIZACION : 02-00016770

FECHA : 04/05/2017

FECHA VIGENCIA : 04/05/2017

TIEMPO DE ENTREGA : INMEDIATA (SUJETO AL MOMENTO DE COLOCAR LA

CONDICIONES DE PAGO: CREDITO

OBSERVACIONES

CANT.	REFE	DESCRIPCION	GARANTIA	PRECIO	TOTAL
2		NVR 32 CH HIKVISION NUMERO DE PARTE: DS-7732NI-14/16P LAN NETWORK INTERFACES AUDIO OUT/ AUDIO IN HDMI INTERFACE USB 3.0 INTERFACE RS-232 SERIAL INTERFACE VGA INTERFACE RS-485 SERIAL INTERFACE ALARM IN AND OUT	1 Año	30,250.59	60,501.18
23		CAMARAS HIKVISION NUMERO DE PARTE: DS-2CD2142FWD-IS TIPO DOMO 4 MEGAPIXEL HIG RESOLUTION FULL HD1080 VIDEO DUAL VIDEO STREAMS 2.8MM, 4MM, 6MM FIXED LENS OPTIONS 120 DB WIDE DYNAMIC RANGE 3D DIGITAL NOISE REDUCTION SMART FEATURES POE (802.3AF) IR RANGE 30 METERS (100 FEET) IP67 AND IK10 PROTECTION AUDIO AND ALARM I/O EDGE STORAGE, MICROSD SLOT, 128GB	1 Año	5,288.24	121,629.52
19		CAMARA HIKVISION NUMERO DE PARTE: DS-2CD2642FWD-1 TIPO BULLET 4 MEGAPIXEL HIG RESOLUTION FULL HD1080 VIDEO DUAL VIDEO STREAMS 2.8MM TO 12MM MOTORIZED LENS 120 DB WIDE DYNAMIC RANGE 3D DIGITAL NOISE REDUCTION SMART FEATURES POE (802.3AF) IR RANGE 30 METERS (100 FEET) IP67 PROTECTION AUDIO AND ALARM INPUT/OUTPUT EDGE STORAGE, MICROSD SLOT, 128GB	1 Año	10,456.47	198,672.93
		NVR 8 CH HIKVISION NUMERO DE PARTE: DS-7608NI-E2/8P UP TO 6 MEGAPIXEL RESOLUTION RECORDING 40MBPS/80MBPS/160MBPS INCOMING BANDWIDTH SUPPORTS H.264+ AND 4.264 SYNCHRONOUS HDMI AND VGA OUTPUT 1920 X 1080 RESOLUTION 4/8/16-CH NETWORK CAMERAS CAN BE CONNECTED UP TO 2 SATA INTERFACES	1 Año	11,218.82	11,218.82
SWI345		SWITCH CISCO SMB 300 SERIES MANAGED 24Ports 10/100 POE+ 2 SFP(SF300-24PP-K9-NA)	3 AÑOS	23,207.98	23,207.98



SUB-TOTAL: 415,230.43

ITBIS: 74,741.48

TOTAL GENERAL: RD\$489,971.91

[Handwritten signature]

Precios válidos por 30 días.

Esperando que nuestra propuesta sea aceptada y agradeciendo la gentileza de habernos tomado en cuenta.

Atentamente,

8/10 Sarah Cuevas

VENTAS CORPORATIVAS



DS-7700NI-I4/16P Series NVR

Available Models

DS-7716NI-I4/16P, DS-7732NI-I4/16P



Key Features

Professional and Reliable

- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

HD Input

- H.265/H.264+/H.264/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 32 IP cameras can be connected
- Recording at up to 12 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 12 MP resolution

HD Output

- HDMI and VGA outputs provided
- HDMI Video output at up to 4K (3840 × 2160) resolution

HD Storage

- Up to 4 SATA interfaces connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

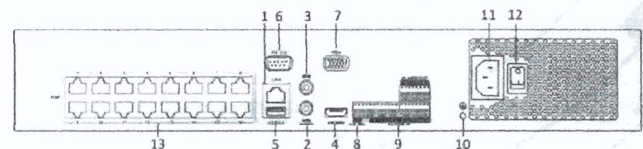
HD Transmission

- 1 self-adaptive 10M/100M/1000M network interface
- 8/16 independent PoE network interfaces are provided

Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Hikvision and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Instant playback for assigned channel during multi-channel display mode
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels

Physical Interfaces



Index	Description
1	LAN Network Interfaces
2	AUDIO OUT
3	AUDIO IN
4	HDMI Interface
5	USB 3.0 Interface
6	RS-232 Serial Interface
7	VGA Interface
8	RS-485 Serial Interface
9	ALARM IN and ALARM OUT
10	GND
11	100~240VAC Power Input
12	Power Switch
13	Network Interfaces with PoE function (8 interfaces for DS-7708NI-I4/8P and 16 interfaces for DS-7716NI-I4/16P and DS-7732NI-I4/16P)



DS-7700NI-I4 Series NVR



Specifications

Model		DS-7716NI-I4/16P	DS-7732NI-I4/16P
Video/Audio input	IP video input	16-ch	32-ch
		Up to 12 MP resolution	
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1kΩ)	
Network	Incoming bandwidth	160 Mbps	256 Mbps
	Outgoing bandwidth	256 Mbps	
	Remote connection	128	
Video/Audio output	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	
	HDMI output resolution	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	VGA output resolution	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	Audio output	1-ch, RCA (Linear, 1 KΩ)	
Decoding	Decoding format	H.265/H.264+/H.264/MPEG4	
	Live view / Playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	
	Synchronous playback	16-ch	
	Capability	4-ch @ 4K, or 16-ch @ 1080p	
Hard disk	SATA	4 SATA interfaces for 4HDDs	
	Capacity	Up to 6TB capacity for each HDD	
External interface	Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
	Serial interface	1 RS-485 (half-duplex), 1 RS-232	
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	
	Alarm in/out	16/4	
POE Interface (for /P series NVR only)	Interface	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces	
	Power	≤200W	
	Supported standard	IEEE 802.3 af/at	
General	Power supply	100 to 240 VAC	
	Power	≤300 W	
	Consumption (without hard disk)	≤20 W (without enabling PoE)	
	Working temperature	-10 to +55°C (14 to 131°F)	
	Working humidity	10 to 90 %	
	Chassis	19-inch rack-mounted 1.5U chassis	
	Dimensions(W × D × H)	445 × 390 × 70 mm { 17.5" × 15.3" × 2.8" }	
	Weight(without hard disk)	≤ 5 Kg (11 lb)	

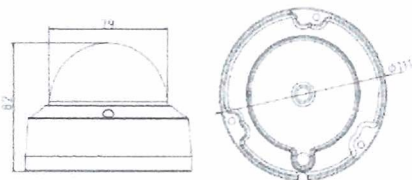
DS-2CD2142FWD-IS

4 MP WDR Fixed Dome Network Camera



- 4 Megapixel High Resolution
- Full HD1080p Video
- Dual Video Streams
- 2.8 mm, 4 mm, 6 mm Fixed Lens Options
- 120 dB Wide Dynamic Range
- 3D Digital Noise Reduction
- Smart Features
- PoE (802.3af)
- IR Range 30 Meters (~100 Feet)
- IP67 and IK10 Protection
- Audio and Alarm I/O
- Edge Storage, MicroSD Slot, 128 GB

Dimensions



Accessories



AB110
Angled Base

PC110 + WMS
Pendant Cap +
Wall Mount/Junction Box

CB110
Conduit Base

SRSM
Rain Shade

WM110
Wall Mount

DS-2CD2142FWD-IS	
Camera	
Image Sensor	1/3" progressive scan CMOS
Minimum Illumination	Color: 0.028 lux @ (f/2.0, AGC on); B/W: 0 lux with IR
Shutter Speed	1/3 s to 1/10,000 s
Lens	2.8 mm, 4 mm, 6 mm options
Angle of View	106° (2.8 mm), 83° (4 mm), 56° (6 mm)
Lens Mount	M12
Day/Night	IR cut filter with auto switch
Digital Noise Reduction	3D Digital Noise Reduction
Wide Dynamic Range	120 dB
Pan/Tilt/Rotation	Pan: 0° to 355°; tilt: 0° to 75°; rotation: 0° to 355°
Compression Standard	
Video Compression	H.264/MJPEG
H.264 Type	Main Profile
Video Bit Rate	32 Kbps to 16 Mbps
Dual Streams	Yes
Audio	G.711/G.722.1/G.726/MP2L2, 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 128 Kbps (MP2L2)
Image	
Maximum Resolution	2688 × 1520
Frame Rate	20 fps (2688 × 1520), 30 fps (1920 × 1080), 30 fps (1280 × 720)
Image Settings	Compression, color, saturation, brightness, contrast, sharpness, rotate mode, privacy mask
Backlight Compensation	Yes, zone configured
Region of Interest (ROI)	Yes
Analytics	
Smart Features	Line crossing detection, intrusion detection
Network	
Network Storage	NAS (supports NFS, SMB/CIFS), ANR
Alarm Triggers	Motion detection, line crossing detection, intrusion detection, tamper alarm, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	Three level user authentication, password authorization, HTTPS and SSH certificate, IEEE802.1X, basic and digest authentication, watermark, IP address filtering, log-in lockout
Standards	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
Interface	
Communication	1 RJ-45 10M/100M Ethernet port
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Alarm	1x alarm I/O
Audio	1x audio I/O
General	
Operating Conditions	-30° C to 60° C (-22° F to 140° F), humidity 95% or less (non-condensing)
Power	12 VDC ±10%, PoE (802.3af)
Power Consumption	Maximum 5 W
IR Range	Approximately 30 meters (~100 feet)
Ingress Protection	IP67
Impact Protection	IEC60068-275Eh, 20J; EN50102, up to IK10
Dimensions	Φ111 mm × 82 mm (4.4" × 3.2")
Weight	500 g (1.1 lbs)

Order Model

DS-2CD2142FWD-IS

DS-2CD2642FWD-IZS

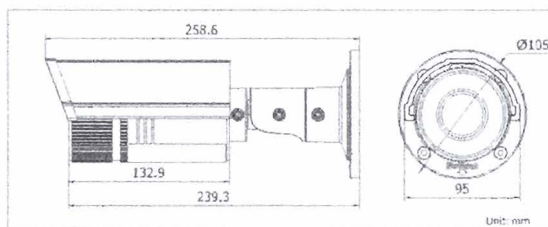
4 MP WDR Varifocal Bullet Network Camera



Key Features

- 4 Megapixel High Resolution
- Full HD1080p Video
- Dual Video Streams
- 2.8 mm to 12 mm Motorized Lens
- 120 dB Wide Dynamic Range
- 3D Digital Noise Reduction
- Smart Features
- PoE (802.3af)
- IR Range 30 Meters (~100 Feet)
- IP67 Protection
- Audio and Alarm Input/Output
- Edge Storage, MicroSD Slot, 128 GB

Dimensions



Accessories



Order Model

DS-2CD2642FWD-IZS

DS-2CD2642FWD-IZS

Camera	
Image Sensor	1/3" progressive scan CMOS
Minimum Illumination	0.014 lux @ (f/1.4, AGC on), 0 lux with IR
Shutter Speed	1/3 s to 1/10,000 s
Slow Shutter	Yes
Lens	2.8 mm to 12 mm @ f/1.4 motorized lens
Angle of View	112° to 33.8°
Lens Mount	Φ14
Day/Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	120 dB
Pan/Tilt/Rotation	3-axis positioning
Compression Standards	
Video Compression	H.264+/H.264/MJPEG
H.264 Type	Main Profile
Video Bit Rate	32 Kbps to 16 Mbps
Dual Streams	Yes
Audio	G.711/G.722.1/G.726/MP2L2/64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726/32 to 128 Kbps (MP2L2)
Image	
Maximum Resolution	2688 × 1520
Frame Rate	20 fps (2688 × 1520), 30 fps (1920 × 1080, 1280 × 720)
Image Setting	Compression, color, saturation, brightness, contrast, sharpness, rotate mode, privacy mask
Backlight Compensation	Yes, zone configured
Region of Interest (ROI)	Yes
Analytics	
Smart Features	Line crossing detection, intrusion detection
Network	
Network Storage	NAS (supports NFS, SMB/CIFS); ANR
Alarm Triggers	Motion detection, line crossing detection, intrusion detection, tamper alarm, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	Three level user authentication, password authorization, HTTPS and SSH certificate, IEEE802.1X, basic and digest authentication, watermark, IP address filtering, log-in lockout
Standards	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
Interface	
Communication	1 RJ-45 10M/100M Ethernet port
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Alarm	1 alarm I/O
Audio	1 audio I/O
General	
Operating Conditions	-30° C to 60° C (-22° F to 140° F), humidity 95% or less (non-condensing)
Power	12 VDC ±10%, PoE (802.3af)
Power Consumption	Maximum 5.5 W (maximum 7.5 W with IR cut filter on)
IR Range	30 meters
Ingress Protection	IP67
Dimensions	95 mm × 105 mm × 258.6 mm (3.74" × 4.13" × 10.18")
Weight	1200 g (2.65 lbs)

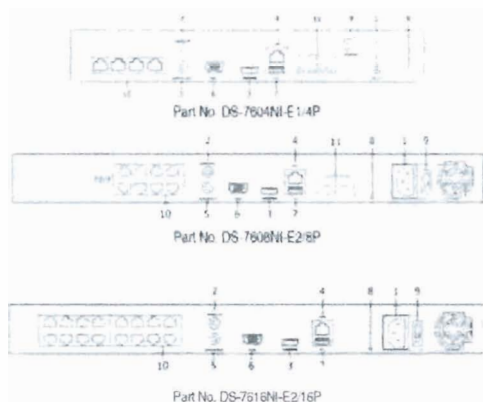
DS-7600NI-E Series Plug and Play Network Video Recorder



Key Features

- Up to 6 Megapixel Resolution Recording
- 40 Mbps/80Mbps/160 Mbps Incoming Bandwidth
- Supports H.264+ and H.264
- Synchronous HDMI and VGA Output 1920 × 1080p Resolution
- 4/8/16-ch Network Cameras Can Be Connected
- Up to 2 SATA Interfaces
- Plug & Play w/Up to 16 Independent PoE Network Connections
- Supports Network Detection, including Network Delay, Packet Loss
- Alarm and Audio I/O

Rear Panel



- Power Supply
- Audio In
- HDMI Interface
- LAN Network Interface
- Audio Out
- VGA Interface
- USB Interface
- Ground
- Power Switch
- Network Interfaces with PoE Function
- Alarm I/O

Order Models

DS-7604NI-E1/4P
DS-7608NI-E2/8P
DS-7616NI-E2/16P

	DS-7604NI-E1/4P	DS-7608NI-E2/8P	DS-7616NI-E2/16P
Video/Audio Input			
	8-ch		
Network			
Video Compression	H.264+, H.264		
Incoming Bandwidth	40 Mbps	80 Mbps	160 Mbps
Outgoing Bandwidth	80 Mbps		
Remote Connection	128		
Audio Output			
Recording Resolution	6 MP/5 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
Frame Rate	Main stream: 60 fps Sub-stream: 60 fps		
HDMI/VGA Output	1-ch, resolution: 1920 × 1080p/1600 × 1200/1280 × 1024/1280 × 720/1024 × 768		
Audio Output	1-ch, RCA (linear, 1k Ω)		
Decoding			
Live View/Playback Resolution	6 MP/5 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
Capability	4-ch @ 1080p	8-ch @ 720p, 6-ch @ 1080p	16-ch @ 4CIF, 12-ch @ 720p, 6-ch @ 1080p
Hard Disk			
SATA	1 SATA interface for 1 HDD	2 SATA interface for 2 HDDs	
Capacity	Up to 6 TB for each disk		
External Interface			
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		
USB Interface	1 × USB 2.0 and 1 × USB 3.0		
Alarm In/Out	4 / 1		
PoE			
Interface	4 independent 100 Mbps PoE network interfaces	8 independent 100 Mbps PoE network interfaces	16 independent 100 Mbps PoE network interfaces
Maximum Power	50 W	120 W	200 W
Supported Standards	802.3af and 802.3at		
Others			
Power Supply	48 VDC, PoE+ (802.3at)	100 to 240 VAC, PoE+ (802.3at)	
Consumption (without hard disk)	≤ 10 W	≤ 15 W	
Working Temperature	-10° C to +55° C (+14° F to +131° F)		
Working Humidity	10% to 90%		
Chassis	1U chassis		
Dimensions (W × D × H)	315 mm × 230 mm × 45 mm (12.4" × 9.1" × 1.8")	445 mm × 290 mm × 45 mm (17.5" × 11.4" × 1.8")	
Weight (without hard disk)	≤ 1 kg (2.2 lb)		