

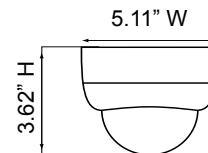


O2D4 3.6 - 16mm auto iris varifocal lens



Features:

- Dual-codec (H.264 & MJPEG)
- Progressive scan megapixel (1080p)
- Multi-profile streaming (up to 5 streams of different resolutions, frame rates and codec selections)
- Digital PTZ, video crop
- Analog video output (CVBS)
- PoE IEEE802.3af
- 2-way audio communication
- Built-in true day/night operation
- 3-axis lens mount
- Robust design & convenient installation
- Micro SD card slot (card not included)
- ONVIF support*
- 2 year warranty



Camera Specifications

Image Sensor	Progressive scan 1/2.9" CMOS, 2.0M pixels
Full Resolution	1920x1080 pixels (Full HD)
Minimum Illumination	0.12 lux / F1.4 (IR on - 0 lux)
Number of IR LEDs	18
IR LED Wavelength	850nm
IR Range	49' (depending on scene reflection)
S/N Ratio	42db
White Balance	AWB
DSS	Supported
Day/Night	Supported (TDN, IR LED)

Video Specifications

Compression Method	Simultaneous dual-codec (H.264 / MJPEG)
Resolution	1920x1080p @ 30FPS / 1280x720 @ 30FPS
Multi-Profile Streaming	5 simultaneous video profiles
Intelligent Bit-Rate Control	CBR, VBR, HBR
PTZ	Digital PTZ & video crop
Image Setting	Text overlay, privacy mask, de-interlace filter
Motion Detection	3 regions

Audio Specifications

Mono Upstream	32Kbps G.726 ADPCM - LINE-in / MIC-in
Mono Downstream	128Kbps 16-bit Linear PCM - LINE-out (1 Vpk)
Stereo	Stereo support

Network Specifications

Network Protocol	IPv4/v6, TCP, UDP, IGMP, ICMP, ICMPv6, ARP, RARP, PPPoE, RTCP, RTP, RTSP, SDP, HTTP, HTTPS, SMTP, FTP, DHCP, UPnP, SNMP, NTP, DNS, DynDNS, SOCKS
Speco DDNS	Supported (free of charge)
Security	User ID & Password protection, IP address filtering, - HTTPS encryption, digest authentication, user access log, 802.1x support

User Access

8 concurrent users on D1 resolution
Depending on resolution, number of users may vary

External Terminal Specifications

LAN	10 / 100 BaseT LAN
Analog Output	1 channel D1 CVBS output of the encoding video
Alarm Input / Output	1 sensor input & 1 relay output
Other	Two stereo jack / RS-232 debug / 12VDC in

System Integration Specifications

Standard PoE (IEEE802.3af)	Supported
Analytics	Motion detection & audio detection
Alarm Triggers	Analytics & sensor input
Alarm Events	Video file upload (FTP), still image (email), relay output

Client Software

Speco NVR	64 ch (free of charge)
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Operating Environment

Operating Temperature/ Humidity	PoE power: 14° F – 122° F DC power: -40° F – 122° F / 8% – 80% RH
Power Supply	PoE, 12VDC (power supply not included)
Power Consumption	500mA with IR's
Dimensions	5.11" (W) x 3.62" (H)
Weight	2 lbs.
Housing	Aluminum
Approvals	FCC, CE, MIC, RoHS
Included in Package	IP camera, CD (user's guide, software), L wrench, ceiling mount, screws
iPhone® / Android™ App	Speco OnSIP

Optional Accessories



INTPM
Pendant Mount



CVCJBD
Dome Camera Junction Box



INTWM
Wall Mount



DFM
Tile Ceiling Flush Mount



IPPOEINJ1295
12.95W PoE Injector



PSW5
12VDC Power Supply

*visit www.specotech.com/onvif.html for latest ONVIF support

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Speco Technologies is constantly developing and improving products.

We reserve the right to modify product design and specifications without notice and without incurring any obligation.



- N4NSP** 4 Channel NVR with 4 Channel Built-In PoE and Digital Deterrent®
- N8NSP** 8 Channel NVR with 8 Channel Built-In PoE and Digital Deterrent®
- N16NSP** 16 Channel NVR with 8 Channel Built-In PoE and Digital Deterrent®

N4NSP1TB	N8NSP1TB	N16NSP2TB
N4NSP2TB	N8NSP2TB	N16NSP3TB
N4NSP3TB	N8NSP3TB	N16NSP4TB
N4NSP4TB	N8NSP4TB	N16NSP6TB
N4NSP6TB	N8NSP6TB	

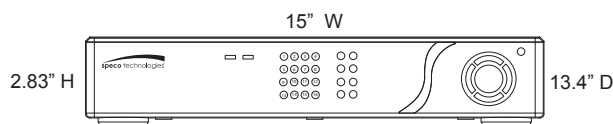


Storage from 1TB up to 6TB
For the latest mobile apps
and CMS software go to:
www.specotech.com/DVRApps

Features

- EZ Camera:** quickly discovers and installs IP cameras
- EZ Setup:** for quick system setup
- EZ Network:** for quick set-up on a network
- EZ Search:** quickly search events from thumbnails
- EZ Record:** quickly setup recording resolutions and recording type
- EZ Copy:** auto copy what you are playing onto a USB flash drive

- Plug & play feature with Speco's OnSIP/VIP cameras
- ONVIF support*
- Dual network ports for isolating IP camera network traffic and remote network
- Supports all H.264 compression profiles (baseline, main and high)
- Network video recorder with free DDNS server
- Easy and simple graphical user interface
- Digital Deterrent® for triggering audio message via motion detection or sensor
- 2-way audio communication
- Programmable recording on motion detection, sensor, schedule, continuous and manual
- Full HD (1920 x 1080) recording and playback
- Supports wireless access point for viewing and configuration
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting, Technology for HDD)
- 4/8/16 channel selectable local or IP camera audio recording
- Covert camera operation provides enhanced security and administrator control
- Password to secure installation authorization
- Easy firmware upgrade by USB port or network
- User Access: up to 4 concurrent users
- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet



EZ Set-Up Wizards!

One click wizard guides you to set up essentials of the system in a logical and easy to understand sequence.

- Date/Time • Recording method • Recording video quality • Network
- Supports multiple PC based browsers such as Internet Explorer, Google Chrome, Firefox and Safari
- Network accessible via SpecoTech Multi-Client Software, Secure Guard® CMS and Speco Player Mobile Viewer
- PC and MAC® compatible
- 3 year warranty
- Free Apps with support for view on iPhone®, iPad® or Android™

Specifications

Recording Resolutions: D1, 1280x720, 1920x1080
2 internal hard drives
4/8/16 channel audio input, 1 channel audio output
Motion detection, sensor, schedule, continuous and manual recording
Video Outputs: 1 HDMI, 1 VGA, 1 MAIN
USB 2.0 port for snapshot and video clip exporting
Multiple language on-screen menus
IR remote control and mouse included

Rack mountable (hardware included)
Network software supports Static IP, DHCP and DDNS
Network hardware supports 10/100/1000Mbps
Power Requirement: 12VDC @ 5A (NVR) / 48VDC @ 1A (PoE)
Operating Temperature: 41° F – 104° F
Dimensions: 15" (W) x 2.83" (H) x 13.4" (D)
Weight: 12 lbs.

Optional Accessories



ERS1V
Vented Rack Shelf



IRRPTKIT
IR Repeater Kit



DSWFUSB
USB Wireless
Access Point

*visit www.specotech.com/onvif.html for latest ONVIF support

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For more information contact Speco Technologies

200 New Highway, Amityville, NY 11701 • Toll Free: 1-800-645-5516 • Fax: 631-957-9142 or 631-957-3880
www.specotech.com

N4NSP / N8NSP / N16NSP Technical Specifications: NS Plug & Play Network Video Recorder with Built-In PoE Switch



Model		N4NSP	N8NSP	N16NSP	
Video	Input	IP Camera	4	8	16
		Resolution	Max. 1920 x 1080		
	Output	Main Monitor	VGA and HDMI		
		Sub Monitor	CVBS		
Audio	Input	IP Camera (network)	4	8	16
		Local Input (RCA)	4	8	16
	Output	Local Output (RCA)	1		
	Audio Codec		G.711		
Event	Sensor In	IP Camera (network)	4	8	16
		Local Input (terminal block)	4		
	Local Alarm Output (terminal block)		1		
	Motion Detection (from IP camera)		Yes		
Serial	RS-232C		1		
	RS-485		1		
Network	LAN (IP Camera, Auto Connection)		4 PoE	8 PoE	8 PoE + 8 LAN
	WAN (IP Camera, Remote Access)		10/100 Base-T	10/100/1000 Base-T	
	Protocols		TCP/IP, UDP, DHCP, HTTP, NTP, SMTP, TRP, RTSP, ONVIF		
Recording	Compression		H.264 (baseline, main and high profile)		
	Resolution & Frame Rate	D1	120fps	240fps	480fps
		1280 x 720	120fps	240fps	480fps
		1920 x 1080	120fps	240fps	480fps
	Recording Mode		Continuous / Motion / Sensor / Schedule / Manual		
	Pre-Recording		Max. 20 minutes		
Post Recording		Max. 60 seconds			
Playback	Search		EZSearch, Date/Time, Event, Archive, Log		
	Multi-Decoding		1, 4	1, 4, 8	1, 4, 8, 16
	Playback Speed		x0.25, x0.5, x2, x4, x8, x16, x32, x64		
Backup	Media		USB Drive, External HDD, Network		
	File Format		BMP, AVI, Proprietary Format		
	Large Backup		Yes (max. 24 hours)		
Storage	HDD	Capacity of 1 HDD	3TB		
		Internal HDDs	2		
		e-SATA	1		
	USB	Front	2		
		Rear	1		
User I/F	Input Method		Front Buttons, IR, Mouse, Keyboard Controller		
Features	Digital Deterrent®		Up to 8 audio files		
	Dynamic DNS		Yes (free Speco DDNS)		
	Digital Zoom		Yes		
	DLS (day light savings)		Yes		
	NTP (network time protocol)		Yes		
	S.M.A.R.T		Yes		
	Internal Beep		Yes		
	Multi-Language		Yes		
E-mail Notification		Yes			
Network Access	Smartphone Viewer		iPad® / iPhone® / Android™		
	PC Web Viewer		Windows (IE, Chrome, Firefox, Safari)		
	PC Client		SpecoTech Multi-Client Viewer and Secure Guard® CMS		
	MAC Client		Speco Client for MAC and Secure Guard® CMS		
	Remote Setup and Upgrade		Yes		
Power	Power Supply Voltage		12VDC, 5A / 48VDC, 1A		
Temperature	Operating Temperature		41° F – 104° F / During Storage: 14° F – 122° F		
Weight	Unit Weight (gross weight)		12 lbs.		
Dimensions	Unit Dimensions (W x H x D)		15" (W) x 2.83" (H) x 13.4" (D)		

Please note that specifications and unit exterior design are subject to change without notification.

**For more information contact Speco Technologies 200 New Highway, Amityville, NY 11701
Toll Free: 1-800-645-5516 Fax: 631-957-9142 or 631-957-3880 Website: www.specotech.com**

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