

NEOS PRO-IDC12L28

2MP All Color Camera with 2.8mm Lens

Main Feature:

- Sony Starvis Sensor
- H.265 compression
- IVA
- Higher Field of View
- Adaptive Streaming
- True WDR
- NAS
- Smart Streaming



Technical Specifications:

IMAGE SENSOR	
Resolution	2 MP (1920 x 1080)
Sensor Type and Size	1/2.8" SONY - CMOS 2MP Active Pixel Progressive Scan, Back Illuminated Image sensor (STARVIS Series)
LENS	
Minimum Illumination	Color - 0.01 Lux @F1.4 (AGC ON) Monochrome - 0 Lux
Focal Length	2.8mm
Focus Range	0.3m to infinity
Field of View (FOV)	HFOV - 106.9° VFOV - 56.9° DFOV - 127.9°
Focus	Fixed focus
Aperture (F#)	F 1.6/ F2.0
Iris Type	Fixed
Type of Supplement LED	Warm LED
Supplement LED Range	Up to 30m
LED Switching	Auto/ Manual
DORI AS PER IEC 62676 - IV	D: 38 m, O: 16 m, R: 8m, I: 4 m

AUDIO INTERFACE

Audio IN	In-built Microphone
Audio OUT	1x(3.5mm stereo female audio jack)
Two-way Audio	Supported
Audio Compression	G.726 and G.711μ

HARDWARE SPECIFICATIONS

SD Card	Up to 512GB
Camera Adjustment Angle	Pan: 0° to 330° Tilt: 0° to 75° Rotate: 0° to 330°

IMAGE AND VIDEO

No of Stream Profiles	4
Stream Profiles	Profile 1: 1920 x 1080p @30fps (H.265/H.264) Profile 2: D1 @30fps (H.265/H.264) Profile 3: 1080p/720p/D1/2CIF/CIF @5fps (MJPEG) or 720p/D1/2CIF/CIF@15fps(H.264/H.265) Profile 4: 720p/D1/2CIF/CIF @ 30 fps (H.265/H.264/MJPEG)
Available Resolutions	1920 x 1080, 720p, D1, VGA, 2CIF, CIF
Max Resolution	1920 x 1080
Bitrate	128 kbps-16Mbps
Bitrate Type	CBR, VBR
Video Compression	H.265, H.264, MJPEG
Frame Rate	1-30fps
Shutter Speed	1/15s -1/100000s
Adaptive Streaming	Yes
ONVIF Profiles	S, G, and T
Edge Recording	Yes (Only in NAS)
Alarm Recording	Pre and Post
Motion Recording	Yes
Time Triggered	Yes
Video Parameters	Snapshot, Region of Interest (ROI), BLC, Day/Night Settings

Privacy Masks	3
WDR	True WDR (120dB)
SNR	> 70dB
Image Enhancement	Saturation/ Contrast/ Sharpness/Brightness/Auto Exposure/ HVS-Forensics/ Smart IR
DNR	2D & 3D
Digital Zoom	16x
Video Analytics	Motion Detection, Tamper Detection, Trip/No Trip Detection, Object Intrusion/Zone Intrusion, Audio Exception

ALERTS

IP Conflict	Yes
Network Disconnect	Yes
Storage Full	Yes
Time Triggered	Yes

EVENTS AND ACTIONS

Upload Image	NAS, SFTP
Upload Clip	NAS, SFTP
Notifications	E-mail, SMS, TCP

PROTOCOLS SUPPORTED

Supported protocols	TCP/IP, HTTP, ARP, QoS, DHCP, DNS, DDNS, RTP, RTCP, RTSP, PPPOE, SMTP, NTP, HTTPS, TLS/SSL, SFTP, ICMP, IGMP, 802.1x, SNMP, UPnP, Bonjour
Web Viewer	Supported in IE 8.0-11.0, Firefox 15.0-47.0, Chrome 20.0-54.0
Browser	IE, Chrome, Mozilla

CYBER SECURITY

Secure boot	Yes
Signed firmware	Yes
Data Encryption	All data, including sensitive data, is encrypted with AES 256 and RSA 2048
IP Address Filtering	Yes
HTTPs Streaming	Yes, using TLS 1.2

Edge Data Encryption	Yes
Network Authentication	Yes, 802.1x Network authentication
Secure Firmware Upgrade	Yes
Anti-roll back firmware	Yes
Web login Password protection	Yes
Unused debug interface protection	Yes
OPERATING PARAMETERS	
Power Supply	802.3af (PoE)
Power Consumption	6.5 W
Operating Humidity	Less than 95% RH (non-condensing)
Operating Temperature	-30°C to 60°C
PHYSICAL PARAMETERS	
Communication interface	10Base-T/100BaseTX Ethernet (RJ-45)
Weight	720gms
Color	Infinity White
Dimensions	138.58mm x 118.97mm (Diameter x Height)
Certifications	BIS

Contact Us

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