

NEOS PRO-IBM28MVLSDA

8MP IR Bullet Camera with 4.3 – 10 MM Motorised Varifocal 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	8 MP (3840 x 2160)
Sensor Type and Size	1/2.8" SONY – CMOS 8MP Active Pixel Progressive Scan, Back Illuminated Image sensor (STARVIS Series)
LENS	
Minimum Illumination	Color – 0.01 Lux @F1.2 (AGC ON) Monochrome – 0 Lux
Focal Length	4.3mm – 10mm
Focus Range	1m to infinity
Field of View (FOV)	HFOV – 110.4°(W) – 45°(T) VFOV – 57.8°(W) – 25.2°(T)
Focus	Automatic Focus
Aperture (F#)	F1.6 – F2.6
Iris Type	P-IRIS
IR Range	Up to 50m
IR Led Wavelength	850nm
IR Switching	Auto/ Manual
DORI AS PER IEC 62676 – IV	WIDE:- D: 105m, O: 41.5m, R: 21m, I:11m TELE:- D 207m, O: 82m , R: 41m , I :21m

AUDIO INTERFACE

Audio IN & Audio OUT	1/1
Two-way Audio	Supported
Audio Compression	G.726 and G.711 μ -Law and G.711 A-Law
Alarm IN & Alarm OUT	1/1

HARDWARE SPECIFICATIONS

SD Card	Up to 512GB
Camera Adjustment Angle	Pan: 0° to 360° Tilt: 0° to 75° Rotate: 0° to 360°

IMAGE AND VIDEO

No of Stream Profiles	4
Stream Profiles	Profile 1: 4K Ultra HD(3840x2160) @30fps (H.265/H.264) Profile 2: Full HD/HD/D1/VGA @15FPS (H.265/H.264) Profile 3: 3MP /Full HD (2MP)/720p/D1/VGA @10 fps (MJPEG) or D1/VGA @10fps(H.265/H.264) Profile 4: D1/VGA @30fps (H.265/H.264)
Available Resolutions	3840*2160,3200*1800,2592*1944,2592*1520,2048*1536, 1920*1080,720p, D1, VGA
Max Resolution	3840 x 2160
Bitrate	128 kbps-16Mbps
Bitrate Type	CBR, VBR
Video Compression	H.265, H.264, MJPEG
Frame Rate	1-30fps
Shutter Speed	1/15s -1/8000s
Adaptive Streaming	Yes
ONVIF Profiles	S, G, and T
Edge Recording	Yes
Alarm Recording	Pre and Post
Motion Recording	Yes
Video Parameters	Snapshot, Region of Interest (ROI), BLC, HLC, Day/Night Settings, Dynamic FPS

Privacy Masks	8
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/No Motion Detection, Tamper Detection, Trip Detection, Object Intrusion/Zone Intrusion, Audio Exception, Loitering, Object Counting, Alarm In

ALERTS

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

EVENTS AND ACTIONS

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

PROTOCOLS SUPPORTED

Supported protocols	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS, DynDNS, DDNS, RTP, RTCP, RTSP, PPPOE, SMTP, NTP, SNMP, FTP, TLS/SSL, SFTP, ICMP, IGMPv2 & v3, ARP, 802.1x, IPv4, IPv6, QoS Layer 3, DSCP, CIFS, SSH, 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 sensitive data is encrypted with AES 256
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	12V (DC); 802.3af (PoE)
Power Consumption	Maximum 9W
Operating Humidity	Less than 95% RH (non-condensing)
Operating Temperature	-30°C to 60°C
Storage Temperature	-30°C to 60°C

PHYSICAL PARAMETERS

Communication interface	10Base-T/100BaseTX Ethernet (RJ-45)
Weight	890 grams
Color	Infinity White
Dimensions	300mm x 92.5mm x 84.2mm (Length x Width x Height)
Storage	NAS, SD Card
Certifications	BIS

Contact Us

Arvind Limited (Telecom Division), Survey No. 33/1,
Kondhwa Pisoli Road, Pisoli, Pune, MH - 411060, India.

+91 97644 47100 | enquiry@arvindsyntel.com

www.arvindsyntel.com

