

NEOS PRO-IBM25MVLSDA

5MP IR Bullet Camera with 2.8 -12mm Motorized 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	5 MP (2592 x 1944)
Sensor Type and Size	1/2.8" SONY - CMOS 5MP 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	2.8mm - 12mm
Focus Range	0.3m to infinity
Field of View (FOV)	HFOV - 106 - 32° VFOV - 73° - 23° DFOV - 142° - 39°
Focus	Automatic Focus
Aperture (F#)	F1.6-F2.8
Iris Type	Motorized Varifocal Iris
IR Range	Up to 50m
IR Led Wavelength	850nm
IR Switching	Auto/ Manual
DORI AS PER IEC 62676 - IV	WIDE:- D: 64m, O: 26m, R: 14m, I: 7m TELE:- D 185m, O: 75m , R: 37m , I :18m

AUDIO INTERFACE

Audio IN	1x(3.5mm stereo female audio jack)
Audio OUT	1x(3.5mm stereo female audio jack)
Two-way Audio	Supported *
Audio Compression	G.726 and G.711μ
Alarm In	1 (Phoenix type connector)
Alarm Out	1 (Phoenix type connector)

HARDWARE SPECIFICATIONS

SD Card	Up to 512GB
Camera Adjustment Angle	Pan: 0° to 360° Tilt: 0° to 90° Rotate: 0° to 360°

IMAGE AND VIDEO

No of Stream Profiles	4
Stream Profiles	Mainstream: 2592*1944@ 30fps Substream: D1@30fps MJPEG: 2048*1536@8fps or D1/VGA@15fps (H.264/H.265) Fourth stream: 2MP @30fps
Available Resolutions	2592 x 1944, 2592 x 1520, 2048 x 1536, 1920 x 1080, 720p, D1, 2CIF, CIF
Max Resolution	2592 x 1944
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
Alarm Recording	Pre and Post
Motion Recording	Yes
Time Triggered	Yes
Video Parameters	Snapshot, Region of Interest (ROI), BLC, Day/Night Settings

Privacy Masks	8
WDR	True WDR (120dB)
SNR	> 70dB
Image Enhancement	Rotation/ Saturation/ Contrast/ Sharpness/ Brightness/ Hue/Auto White Balance
DNR	2D & 3D
Digital Zoom	16x
Smart Defog	Yes, Enabled by default
Video Analytics	Motion/No Motion Detection, View Tamper Detection, Trip/No Trip Detection, Object Intrusion/Zone Intrusion, Audio Exception, Missing/ Abandoned Object Detection, Object Counting, Loitering Detection

ALERTS

IP Conflict	Yes
Network Disconnect	Yes
Storage Full	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 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	12V (DC); 802.3af (PoE)
Power Consumption	Approximately 7.5W
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	840gms
Color	Infinity White
Dimensions	Φ302mm x 93mm x 85mm (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

