



WHEN SAFETY AND PERFORMANCE MATTERS

The Weatherproof ASP951R True HD Network PTZ Camera Station with Wiper & IR Illuminator is well suited for video surveillance in both normal and harsh weather conditions (IP68).

FEATURES

- Stainless Steel 316L construction
- 12mm thick tempered glass window
- 3 MP HD Color Day/Night Camera with 30X zoom
- LED IR Illuminator up to 100 meters
- 100~240VAC 50/60Hz (Standard) / 24VAC (Optional)
- Pan Rotation: 360° Continuous
- Tilt Rotation: Unobstructed +90° ~ -90°
- Pan / Tilt Manual Speed: 0.1°/s ~ 40°/s
- IP68 & NEMA 6 & 6P Standards
- Temperature rating: -40°C ~ +60°C
- Designed for ease of installation and minimal maintenance

APPLICATIONS

- Offshore Industries
- Land based Industries
- Marine Industries
- Industrial
- Oil & Gas Industries
- Process Industries

The ASP951R is a new advanced and innovative complete all-in-one PTZ camera station with built-in IP camera, telemetry receiver, power board, IR Illuminator, pan/tilt, heater, window defroster, fan, camera housing and wiper system. With Ingress protection of IP68 (Nema 6 & 6P), the ASP951R is suitable for use in almost any environment and application worldwide.

The ruggedized ASP951R PTZ camera station is constructed from 316L stainless steel material for maximum corrosion protection. The window of the housing is made of 12mm thick tempered glass for extra durability while preserving image quality.

The built-in 3 Megapixel True High Definition Color Day/Night Network Camera with 30X optical zoom provides optimum field of view in any situation, ensuring high quality images even in harsh weather conditions. The LED IR Illuminator with 850nm wavelength delivers superior CCTV footage at night.

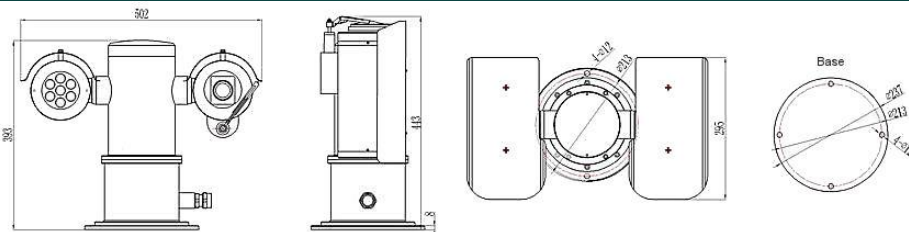
The ASP951R is equipped with wiper to keep the housing window clean. In instances where dry cleaning alone is not enough to remove stubborn particles, stains or dust from the window, the wiper can be used in conjunction with Avex AWS10 stainless steel manually pressurized 10-litre washer system to wash and wipe the window clean.

For easy and safe installation, the ASP951R is supplied pre-wired with 3 meters of non-armored composite cable pigtail.

Other options available are:

- Wall mount bracket
- Weatherproof Stainless Steel 316L Termination box

DIMENSIONS



TECHNICAL DATA**MECHANICAL**

Construction	316L Stainless Steel
Finishing	Polished
Window	Tempered Glass
Window Glass Thickness	12 mm
Pan Movement	360° Continuous Pan Rotation
Vertical Tilt	+90° ~ -90° Unobstructed
Pan Speed	0.1°/s ~ 40°/s
Tilt Speed	0.1°/s ~ 30°/s
No. of Cable Entries	1
Cable Entry Size/Thread	M25/1.5
Mounting	Base (Standard) or Wall (Optional)

ELECTRICAL

Input Voltage	100 ~ 240VAC 50/60Hz (Standard) / 24VAC (Optional)
Input Voltage Range	±10%
Power	75W
Pigtail	3 meters non-armored composite cable

COMMUNICATION

Network Interface	1 x RJ45, support 10M/100M/1000M
Image Compression	H.264 main profile / MJPEG
Audio Compression	G.722.1 / G.711-a law / G7.11-u law / MP2L2 / G.726
3D Positioning	Support
Voice Intercom	Support
Stream	Support 3 streams
Network Protocol	IPv4 / IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP
Time Display	Support
Standard	ONVIF, CGI, GB/T28181, PISA
IE Browser	Support IE7 and above, Google, Firefox, Apple
Security	Password protection, Multiple access control
Preset position	256 positions

LED IR ILLUMINATOR

Projection Distance	80 - 100 Meters
Projection Angle	45°
Wavelength	850nm
Control Method	Auto
Power Consumption	15W

ENVIRONMENT

Air Pressure	80 ~ 120KPa
Temperature	-40°C to +60°C
Humidity	≤95%RH (+25°C)

CAMERA

Image Device	Hikvision 3 Megapixel High Definition Day/Night Camera
Sensor Type	1/2.8" Progressive Scan CMOS
Signal System	PAL / NTSC
Day/Night conversion mode	ICR infrared filter type
Minimum Illumination	Color 0.05lux@1.6
Signal to noise ratio	Greater than 52dB
Electronic shutter	1/1 second ~ 1/30,000 seconds
Optical zoom	30 times
Digital zoom	12 times
Resolution	50HZ: 25fps (2048 x 1536) 60HZ: 30fps (2048 x 1536) 50HZ: 25fps (1920 x 1080) 60HZ: 30fps (1920 x 1080) 50HZ: 25fps (1280 x 960) 60HZ: 30fps (1280 x 960) 50HZ: 25fps (1280 x 720) 60HZ: 30fps (1280 x 720)
3D noise reduction	Support
Focal length	4.3 - 129mm, 30 times optical zoom
Aperture	F1.6 - F4.4
Horizontal viewing angle	58.9 - 2.11 degrees (wide angle - telephoto)
Close-up distance	10 - 1500mm (wide angle - telephoto)
Zoom speed	about 3 seconds (optical, wide-angle - telephoto)

WEIGHTS

Net weight (without bracket)	30 Kg
Net weight (bracket)	8 Kg

OPTIONAL ACCESSORIES

Wall mount bracket
Weatherproof Stainless Steel 316L Termination box
10-Litres Stainless Steel 316L Manually Pressurized Washer system

Standard 12 months warranty. Standard Avex warranty terms and conditions apply

For extended warranty, please contact us

ORDERING INFORMATION

PART NO	DESCRIPTION
ASP951R	Stainless Steel 316L Weatherproof 3MP True HD Color Day/Night Network PTZ Camera Station, 30X, 2048 x 1536 resolution, IR Illuminator (100m), Receiver, Wiper, Sunshield, Heater, Defroster, Fan, 100~240VAC (optional 24VAC) IP68

NOTE: All units are supplied with 3 meters of non-armored composite cable pigtail

OPTIONAL ACCESSORIES

WB951	Wall mount bracket
AJ40	Weatherproof Stainless Steel 316L Termination box
AWS10	10-Litres Stainless Steel 316L Manually Pressurized Washer system