

# NITRO 36X

Nitrogen/Air Pressurized PTZ

For the Worst Environments on Earth



## 432X Zoom - Our Longest Zoom EVER!

The Nitro - 36X Pressurized Dome PTZ Camera from Rugged CCTV can withstand dust, high-pressure wash-down, sand and a host of other extreme climates or hazardous environments.

This Ruggedized PTZ Dome comes with a charge hose and pressure regulator that allows you to pressurize the dome with either Dry Nitrogen or even Air from your regular compressor (must include dessicant pack if your air system is not equipped with an air-dryer system.)

Pressurizing the dome keeps out any dust particulate matter from entering the dome or getting into the Pan/Tilt mechanism - or from settling on the optics lenses.

Even when not pressurized, the dome achieves an IP67 Rating (Dome has a "Low Pressure Alarm" built in that can be disabled if operating the dome un-pressurized).

The NITRO-36X is designed to function properly at 25° below zero, all the way up to 140° above, while keeping dust and debris out of the mechanisms. Normally, dust and debris will grind down the mechanical parts of a PTZ down to nothing within weeks if unprotected. Heater & blower is included and pre-wired.

The NITRO-36X is designed to be pressurized from 3-5psi, and is equipped with a pressure relief valve to automatically vent excess pressure above 10psi.

The NITRO-36X has an 36X zoom lens (3.4-122.4mm) coupled with a 12X Digital Zoom that is intergrated for seamless long distance viewing. This gives the NITRO-36X a total zoom range of 432X (Digital Zoom feature can be turned off).

At the heart of this Rugged PTZ is a Sony ExView Super HAD CCD that delivers 480 Lines of Resolution with amazing low light capability at .01 lux.

Image Sensor	1/4" Sony Super HAD ExView CCD
Active Pixels	752H x 582V
Synchronization	Internal
Video Output	VBS 1.0Vp-p/75 ohms
White Balance	Auto
Scanning frequency	15.625KHz(H) 50Hz(V)
Resolution	Color 480 TV Lines
S/N Ratio	50dB
Electronic Shutter	1~1/10000s
Minimum Illumination	0.02 Lux
Lens Focal Length	f=3.4~122.4mm
Focus & Iris	Auto/Manual
Pan Speed	0° - 240°/s
Tilt Speed	0° - 120°/s
Pan Rotation	360° continuous
Tilt Rotation	90°
Preset	64
Control way	10 kinds of protocol, RS485
Operating pressure	20.7Kpa~34.5Kpa
Relief valve automatically receives pressure	69Kpa
IP Rating	IP 67
Work temperature	-25°F to +140°F
Power Source	AC 24V + - 10%, 1.5A, external
Power Consumption	36VA
Weight	6Kg



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