MOOG Videolarm

NiteTrac
PTZ Camera System & Intelligent Infrared Light

Moog Videolarm's NiteTrac offers a revolutionary and intelligent approach to night time surveillance. With a turret-based PTZ system, the NiteTrac is capable of smooth and accurate 360° rotation at remarkable speeds. Included with the NiteTrac is a patent pending infrared illuminator that automatically adjusts both its beam angle and intensity based on the adjoining camera zoom. Illuminate areas up to 660 feet (201.16 meters) with only one IR illuminator and camera.

Key Features

- Advanced IR automatically adjusts based on camera zoom lens movement
- NEMA4x and IP67 rating prevents the ingress of water and minute particles
- LED Technology: 850 Nanometers
- Eliminates the need to purchase additional IR units
- Includes quick turret-based PTZ system with sophisticated camera: 64 presets (2 auto tours), 360° rotation
- Illuminates distances up to 660 feet

US Patent Pending

ISO CERTIFIED_

NITETRAC_

Dust Proof Pan/Tilt Camera System:
NTK-SD-3
Outdoor PT system with dust proof camera housing, 36x day/night camera, 360° rotation, RS422 Pelco D & P protocols. (No IR)

Pan/Tilt Camera System with IR:
NTK-SD-N
Outdoor nightvision PT system with environmental camera housing, 360° rotation, no camera included. Call for compatible cameras

Night Vision Dust Proof Pan/Tilt Camera Systems with IR:
NTK-SD-3N / NT-SD-3
The NTK-SD-3N is an outdoor nightvision PT system, with IR illuminator automatically adjusts based on the camera's zoom level, dust-proof camera housing with 36x day/night camera, 360° rotation, includes IP network Axis card. The NT-SD-3 unit meets RS422 Pelco D & P protocols.

WHAT ARE INFRARED ILLUMINATORS?

For surveillance applications where light is not sufficient, i.e. Night-time scenarios, an infrared illuminator is strongly recommended for enhancing your view of sight. Composed of multiple light emitting diodes (LEDs), the infrared illuminators produce an infrared beam of light that when paired with either a day/night or black & white camera will illuminate the surrounding area for increased visibility

INTELLIGENT INFRARED ILLUMINATOR & PTZ CAMERA SYSTEM:

Dust-Proof Tubular Housing & Camera System or Environmental Housing:
IP66 housing thermostatically controlled heater/blower, extruded aluminum case. 36x day/night camera, 380,000 pixels. Environmental housing system does not come equipped with a camera. Compatible with Axis Q1755

Fully Adjustable Infrared Illuminator:
One model for all applications! Infrared illuminator incorporating advanced LED technology - 850 nanometers. Capable of automatically adjusting beam angle and intensity based on adjoining camera zoom lens. User replaceable fuse and automatic fan for heat dissipation

PTZ / Turret System:
PTZ turrest - style system capable of 360° rapid, accurate rotation. Incorporating 64 presets and 2 auto tours, rugged industrial design

ACCESSORIES:

VLAY8
Sunshield

WMNT12
Wall Mount for NiteTrac Series

SPECIFICATIONS:

Mechanical Specifications PAN/TILT	
Pan Movement:	360° Continuous pan rotation
Pan Speeds:	0.5°-40°/sec manual operation
Tilt Speeds:	0.5°-30°/sec manual operation

Electrical Specifications	
Input Voltage:	24VAC / DC, 50/60 Hz Range ±10%
Power Consumption:	80W (Pan/Tilt, Enclosure, Camera)
Heater/Defroster:	Thermostatically controlled, 10W
Protocols:	Pelco P+D

Camera Specifications	
Image Sensor:	¼" Exview HAD CCD
Lens:	3.4-122.4mm, F1.6 to F4.5, Auto-Iris, **36x Zoom**
Min. Illumination Color: B&W:	3 lux 0.02 lux
Signal System:	NTSC, PAL available call Factory
Signal-to-Noise Ratio:	Auto/Manual
Protocols:	Pelco P&D
Network Interface:	10/100 Base-T Ethernet HTTP, HTTPS, SSL/TLS*, TCP, SNMPv1/v2cv/v3 (MIB-II), RTSP, RTP, UDP, IGMP, RTCP, SMTP, FTP, DHCP, UPnP, ARP, DNS, DynDNS

Environmental Specifications	
Operating Temperature:	-40° F to 122° F (-40° C to + 50° C)

Product Specifications	
Construction Pan/Tilt:	Cast aluminum base and yoke, stainless steel hardware Extruded aluminum housing, aluminum rear end and front cap
Finish:	White powder coat
Weather Resistance	IP67