

DNA1992YLM2 D/N IR PTZ Dome 2.0MP 30x / 40x w/Laser Auto Tracking/Analytics



DESCRIPTION

The DNA1992YLM2 Series are 1/2.8" Starvis CMOS 2MP Network IP Day/Night IR PTZ Domes with 30X and 45X Optical, 16x Digital Zoom that represent state-of-the-art, DSP based camera technology. Units are designed with H.265/H.264/MJPEG video compression and configurable triple stream output 50/60fps 2MP (1920x1080). 720p, D1, CIF Resolutions are available providing outstanding quality images under Starlight low illumination - Color 0.002/F1.5/0Lux/IR on. Features are: integrated camera module insert; installs easily into dome housing; connect / disconnect latches, Auto Tracking, built-in intelligent analytics (IVS), IR Laser up to 550m night vision, EIS and Defog. Included are 300 presets, receiver driver; OSD menu with programmable functions, 5 Scans, 5 Patterns, 8 Tours, 24 privacy zones, display date/time, compass/tilt angle, and true WDR (120dB). With 24VAC/Hi POE, duplex Audio, RS-485, 7 Alarms in/2 out, Smart Phone Interface, ONVIF, IP67, the DNA1992YLM2 series IP IR PTZ Domes with Auto Tracking and Analytics are designed to meet demanding, commercial and industrial Network Video surveillance installations.

FEATURES

- * Network 2.0MP Day/Night IR PTZ Dome, Laser 550m
- * 1/2.8" Starvis CMOS Scan Sensor; 120dB WDR
- * Illumination Starlight 0.002Lux/F1.5/0Lux IR on
- * H.265 H.264/MJPEG, Triple Stream Encoder
- * 2.0MP with 30x, 45 Optical, 16x Digital Zoom
- * Auto Tracking with Alarm Trigger Events
- * Built-in Analytics: Tripwire, Perimeter protection, Loitering, Abandoned Objects, Missing Objects
- * Face detection Scene Change, Camera Tamper
- * Variable Bit Rate and Constant Bit Rate
- * OSD: D/N, AGC, WB, WDR, 3DNR and EIS
- * 300 Presets, Auto Pan, 24 Privacy Zones
- * Programmable 5 Auto Scan, 5 Patterns; 8 Tours
- * 10/100 Mbps Ethernet Compatible; RJ-45 LAN Port
- * 7 Alarms in, 2 Alarms out, Audio input/output
- * Smart Phone Interface: iPhone and Android
- * Aluminum Housing, Heater, Defog, Sunshield, Wiper
- * 24 VAC input Voltage, 50Hz/60Hz, Hi-POE
- * Ethernet, Surge Protection; SD Card (128GB)
- * Compliance CE, FCC, ROHS, ONVIF, IP67

ORDERING INFORMATION

DNA1992YLM23A30CAS IP IR PTZ Dome 2MP 30X, Laser 500m, NTSC, 24VAC/POE
DNA1992YLM23B30CAS IP IR PTZ Dome 2MP 30X, Laser 500m, PAL, 24VAC/POE

DNA1992YLM24A30CAS IP IR PTZ Dome 2MP 45X, Laser 550m, NTSC, 24VAC/POE
DNA1992YLM24B30CAS IP IR PTZ Dome 2MP 45X, Laser 550m, PAL, 24VAC/POE



APPLICATIONS

- * Homeland Security
- * Correctional Centers
- * Petrochemical Industry
- * Corporate and Banking
- * Casinos and Hospitality
- * Health Care Centers
- * Schools and Universities
- * Government and Military
- * Power Generating Plants
- * Traffic Surveillance (ITS)



DNA1992YLM2

D/N IR PTZ Dome

2.0MP 30x / 40x w/Laser

Auto Tracking/Analytics



Video Specifications

Video Output: Composite BNC, NTSC/PAL
 Camera ID range: 1-300

Audio Specifications

Audio Input/Output: 1 / 1
 Audio Compression: G.711a

Data Specifications

LAN Interface: 10/100Mbps Ethernet RJ-45
 Baud Rate/Protocol: 2400, Pelco D

General Parameters

Auto Pan: 0°~360°, 5 auto scan routes
 Programmable Presets: 255 with titles
 Tours/Patterns/Scans: 8 / 5 / 5
 Privacy Masking Zones: 2-24
 Alarm Inputs/Outputs: 7 / 2
 Auto Flip Function: 180° Tilt

Electrical Parameters

Input Voltage/Cons.: 24VAC/3A, 43W w/IR, heater
 IR Laser Distance: adjustable angle to 500m
 IR Laser Angle: 2° ~ 60°

Mechanical Parameters

Materials: Die Cast Aluminum w/Sunshield
 Manual Pan Speed: 0.1° ~ 160°/sec/max
 Manual Tilt Speed: 0.1° ~ 120° /sec/max
 Preset Speed: 240° /sec Pan; 200° /sec Tilt
 Rotation travel: Pan 360° continuous
 Tilt Travel: -2°~90°
 Motor: Stepping type
 Fan and heater: Continuous fan; auto-start heater
 Dimensions H x Dia.: 14"(357mm), 9.5"(240mm)
 Weight: 16lbs(7Kg) w/ bracket

Environmental Parameters

Oper. Temperature Indoor: 32°F~122°F(0°C~50°C)
 Oper. Temperature Outdoor: -40°F~140°F(-40°C~60°C)
 Storage Temperature: -40°F~158°F (-40°C~70°C)
 Humidity: 0~95% (Non-condensing)

Regulatory Compliance

Agencies: CE, FCC, ROHS, ONVIF, IP67
 Manufactured to: ISO9001

| Camera Parameters | DNA1992YLM23 - 2MP CMOS - 30X | DNA1992YLM24 - 2MP CMOS - 45X |
|---------------------------|---|--|
| Image Sensor | Progressive Scan 1/2.8" Starvis CMOS WDR (120dB) | Progressive Scan 1/2.8" Starvis CMOS WDR (120dB) |
| Effective Pixels | 2.0M (1920 x 1080) | |
| Output Pixels: | 1920(H)x1080(V) | |
| Resolution (H) Pixels: | 1080P / 720P / D1(704x576/704x480) | |
| Min. Illum. F1.6, 50 IRE: | 0.002Lux/F1.5 / 0Lux/F1.5 IR On | |
| Frame Rate: | 1080P/720P(1~30fps); D1(1~30fps) | |
| Optical / Digital Zoom: | 30X (F=6mm ~ 180mm) / 16x | 45X (F=3.95mm ~ 177mm) / 16x |
| View Angle: Wide x Tele | 51.2°(Wide) ~ 1.8°(Tele) | 70.3°(Wide) ~ 1.8°(Tele) |
| F-value: | F 1.6 (wide) - F4.8 (telephoto) | F 1.6 (wide) - F5.0 (telephoto) |
| Focus: | Auto/Manual (Far/Near) | |
| IR Cut Filter Removable: | Auto(ICR) / Color / B/W | |
| Digital Slow Shutter: | Yes | |
| Wide Dynamic Range: | On, Off, Auto, Ratio Fix | |
| Privacy Masking: | ON/OFF (up to 24 areas) | |
| Electronic Shutter: | 1/1 to 1/30,000 /s | |
| IRIS: | Auto / (Offset: Soft.) | |
| BLC: | BLC /HLC / WDR (120dB) | |
| White Balance: | Auto, ATW, Indoor, Outdoor, Auto | |
| Sync System: | Internal | |
| Encoder/Parameters | DNA1992YLM23 and DNA1990YLM24 | |
| Video Compression: | H.265/H.264/MJPEG, Triple Stream, Configurable | |
| LAN Interface: | 10/100 Mbps RJ-45 Port | |
| Output Bit Rate: | Variable Bit Rate (VBR) & Constant Bit Rate (CBR) | |
| Network Interface: | 10/100 Mbps RJ-45 Port; Status and Network LEDs | |
| Wireless Network: | IEEE 802.11a/b/d/e/g/h/i, 802.11n | |
| Network Protocol: | IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS | |
| Web Server: | Intuitive Browser Interface, Internet Explorer | |
| Operating System: | Compatible with DNA3700, DNA3750, DNA3800, DNA4000, DNA5000 Series NVR Appliances; WIN 8 / WIN 10 / WIN SERVER | |
| CPU Requirement: | Intel Core 4 Quad 2GHz or higher | |

