

DNA1992YM24V D/N IP IR PTZ Dome 2.0MP 45x w/LED Auto Tracking/Analytics



DESCRIPTION

The DNA1992YM24V Series are 1/2.8" Starvis CMOS 2MP Network IP Day/Night IR PTZ Domes with 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 outputs at 50/60fps 2MP (1920x1080). 720p, D1, CIF Resolutions are available providing outstanding quality images under Starlight low illumination - Color 0.005/F1.6/0Lux/IR on. Features are: integrated camera module insert; installs easily into dome housing; connect / disconnect latches, Auto Tracking, built-in intelligent analytics (IVS), IR LEDs for 250m night vision, EIS and Defog. Included are 300 presets, receiver driver, OSD menu with programmable functions, 5 Auto Scan, 5 Patterns, 8 Tours, 24 privacy zones, display date/time, compass/tilt angle, and true WDR (120dB). With 24VDC/POE, duplex Audio, RS-485, 7 Alarms in/2 out, Smart Phone Interface, ONVIF, IP67, IK10 the DNA1992YM24V series IP IR PTZ Domes with Auto Tracking/Analytics meet demanding, commercial, industrial Network Video surveillance installations.

FEATURES

- * Network 2.0MP D/N, IR PTZ Dome, IR LEDs 250m
- * 1/2.8" Starvis CMOS Scan Sensor; 120dB WDR
- * Illumination Starlight Color 0.005/F1.6/0Lux IR on
- * H.265/H.264/MJPEG, Triple Stream Encoder
- * 2.0MP with 45x 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 Alarm out; Audio input/output
- * Smart Phone Interface: iPhone and Android
- * Aluminum Housing, Heater, Defogger, Sunshield
- * Available 24VDC input Voltage and POE
- * Ethernet, Surge Protection; SD Card (128GB)
- * Compliance CE, FCC, ROHS, ONVIF, IK10, IP67

ORDERING INFORMATION

DNA1992YM24A30CA5V IP IR PTZ Dome 2MP 45X, D/N, NTSC, LED 250m, Analytics, 24VDC/POE

DNA1992YM24B30CA5V IP IR PTZ Dome 2MP 45X, D/N, PAL, LED 250m, Analytics, 24VDC/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)



DNA1992YM24V

D/N IP IR PTZ Dome

2.0MP 45x w/LED

Auto Tracking/Analytics



Video Specifications

Video Output: Composite BNC, NTSC/PAL
Camera ID range: 1-255

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

Programmable Presets: 300 with titles
Tours/Patterns/Scans: 8 / 5 / 5
Privacy Masking Zones: 2-24
Alarm Inputs/Outputs: 7 / 2

Electrical Parameters

Input Voltage/Cons.: 24VDC/3A, 26W w/IR, heater
IR LEDs Distance: 250m; 6 LEDs

Mechanical Parameters

Materials: Die Cast Aluminum w/Sunshield

Manual Pan Speed: 0.1° ~ 300°/sec/max
Manual Tilt Speed: 0.1° ~ 120° /sec/max
Preset Speed: 300° /sec Pan; 200° /sec Tilt
Rotation travel: Pan 360° continuous
Tilt Travel: -2°~90°
Auto Flip Function: 180° Tilt
Motor: Stepping type
Fan and heater: Continuous fan; auto-start heater
Dimensions H x Dia.: 13.3"(338mm), 8.2"(209mm)
Weight: 14.3lbs(6.5Kg) 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, IK10
Manufactured to: ISO9001

Camera Parameters	DNA1992YM22 – 45X
Image Sensor	Progressive Scan 1/2.8" Starvis CMOS, WDR
Effective Pixels	2.0M (1920 x 1080)
Output Pixels:	1920(H)x1080(V)
Resolution (H) Pixels:	2MP 1080P, 720P, D1, CIF
Min. Illum. F1.6, 50 IRE:	0.005Lux/F1.6 / 0Lux/F1.6 IR On
Frame Rate:	1080P/720P(1~30fps); D1(1~30fps)
Optical / Digital Zoom:	45X (4mm ~ 178mm) / 16X
View Angle: Wide x Tele	65.7°(Wide) ~ 1.9°(Tele)
F-value:	F1.6 (wide) – F4.95 (telephoto)
Focus:	Auto/Manual (Far/Near)
IR Cut Filter Removable:	Auto(ICR) / Color / B/W
Electronic Shutter Speed:	1/1 – 1/30,000s selectable
Backlight Compensation:	BLC /HLC / WDR
Privacy Masking:	ON/OFF (up to 24 areas)
Gain Control:	Auto / Manual
Noise Reduction:	Auto / (Offset: Soft.)
Image Enhancement:	Brightness, Contrast, Sharpness, Compression, Mirroring
White Balance:	Auto, ATW, Indoor, Outdoor, Auto
WDR:	120dB
Encoder/Parameters	DNA1992YM2
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
Network Users:	20
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, Bonjour, 802.1x
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

