

DNA1992M2

D/N PTZ Domes

2MP 25x and 30x

Auto Tracking / Analytics



DESCRIPTION

The DNA1992M2 Series are 1/2.8" Starvis CMOS 2MP Network IP Day/Night PTZ Domes with 25X and 30X 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 / 0.0005/BW/F1.6. Featured are: integrated camera module insert; installs easily into dome housing; connect / disconnect latches, Auto Tracking, intelligent analytics (IVS) and EIS. Included are 300 presets, built-in receiver driver, OSD functions, 5 Auto Scan, 5 Patterns and 8 Tours, 24 privacy masking zones, display date/time, compass/tilt angle and WDR (120dB). With 24VAC/POE, duplex Audio, 2 Alarms in/1 out, Smart Phone Interface, ONVIF, IK10 and IP67, the DNA1992M2 series IP Day/Night 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 PTZ Dome, 120dB WDR
- * 1/2.8" Starvis CMOS Progressive Scan Sensor
- * Illumination Starlight Color 0.005/F1.6/0Lux IR on
- * H.265/H.264/MJPEG, triple stream Encoder
- * 2.0MP with 25x, 30x 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 Masking Zones
- * Programmable 5 Auto Scan, 5 Patterns, 8 Tours
- * 10/100 Mbps Ethernet Compatible RJ-45 LAN Port
- * 1 Audio input/1 output; 2 Alarms in, 1 Alarm out
- * Smart Phone Interface: iPhone and Android
- * Aluminum Housing Materials, Heater, Sunshield
- * In-Ceiling Vandal Version with IK10 Protection
- * Available 24 VAC input Voltage, POE+(802.3at)
- * Ethernet, Surge Protection; Micro SD Card (128GB)
- * Compliance CE, FCC, ROHS, ONVIF, IK10, IP67

ORDERING INFORMATION

DNA1992M22CA1S IP PTZ Dome 2MP 25X, D/N, in-Ceiling mount, IK10, IP67, 24VAC/POE
DNA1992M23CA1S IP PTZ Dome 2MP 30X, D/N, in-Ceiling mount, IK10, IP67, 24VAC/POE

DNA1992M22CA3S IP PTZ Dome 2MP 25X, D/N, Bracket mount, IK10, IP67, 24VAC/POE
DNA1992M23CA3S IP PTZ Dome 2MP 30X, D/N, Bracket mount, IK10, IP67, 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)



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Video Specifications

Camera ID range 1-255
S/N Ratio: >55dB

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: 24
Alarm Input/Output: 2 / 1
Auto Flip Function: 180° Tilt

Electrical Parameters

Input Voltage/Cons.: 24VAC 13W, POE

Mechanical Parameters

Materials: Die Cast Aluminum (bracket)

Manual Pan Speed: 0.1° ~ 350°/sec/max
Manual Tilt Speed: 0.1° ~ 250° /sec/max
Preset Speed: 500° per sec Pan/500° per 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.: 7.3"(186mm), 10"(253mm)
Dimensions H x Dia. ceiling: 7"(177mm), 7.8"(198mm)
Weight: 5.6lbs(2.5Kg) 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, IK10, IP67
Manufactured to: ISO9001

Camera Parameters	DNA1992M22 – 25X	DNA1992M23 – 30X
Image Sensor	Progressive Scan 1/2.8" Starvis CMO WDR	Progressive Scan 1/2.8" Starvis CMO WDR
Effective Pixels	2.0M (1920 x 1080)	
Scanning System:	Progressive	
Resolution (H) Pixels:	1080P / 720P / D1(704x576/704x480)	
Min. Illum. F1.6, 30 IRE:	Color 0.005Lux/F1.6 / 0.0005Lux/BW/F1.6	
Frame Rate:	1080P/720P(130fps); D1(1~30fps)	
Optical / Digital Zoom:	25X (4.8mm ~ 120mm) / 16X	30X (4.5mm ~ 135mm) / 16X
View Angle: Wide x Tele	59.2°(Wide) ~ 2.4°(Tele)	67.8°(Wide) ~ 2.4°(Tele)
F-value:	F1.6 (wide) – F4.4 (telephoto)	F16 (wide) – F4.4 (telephoto)
Focus Control:	Auto/Manual (Far/Near)	
Signal to Noise Ratio:	> 55dB	
Day / Night:	Auto(ICR), Color, B/W	
Noise Reduction:	Ultra DNR 2D/3D	
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	
Gain Control:	Auto / Manual	
Encoder/Parameters	DNA1992M2	
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, POE	
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	

