

DNA1992YM2

D/N IP IR PTZ Dome

2.0MP 25x / 30x w/LED

Auto Tracking/Analytics



DESCRIPTION

The DNA1992YM2 Series are 1/2.8" Starvis CMOS 2MP Network IP Day/Night IR 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/F1.6/0Lux/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 200m 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 24VAC, duplex Audio, RS-485, 2 Alarms in/1 out, Smart Phone Interface, ONVIF, IP66, the DNA1992YM2 series IP IR PTZ Domes with Auto Tracking/Analytics are designed to meet the most demanding, commercial and industrial Network Video surveillance installations.



FEATURES

- * Network 2.0MP D/N, IR PTZ Dome, IR LEDs 200m
- * 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 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 Zones
- * Programmable 5 Auto Scan, 5 Patterns, 8 Tours
- * 10/100 Mbps Ethernet Compatible; RJ-45 LAN Port
- * 2 Alarms in, 1 Alarm out; Audio input/output
- * Smart Phone Interface: iPhone and Android
- * Aluminum Housing, Heater, Defogger, Sunshield
- * Available 24 VAC input Voltage, 50Hz/60Hz
- * Ethernet, Surge Protection; SD Card (128GB)
- * Compliance CE, FCC, ROHS, ONVIF, IP66

ORDERING INFORMATION

DNA1992YM22A30CA5S	IP IR PTZ Dome 2MP 25X, D/N, NTSC, LED 200m, Analytics, 24VAC
DNA1992YM22B30CA5S	IP IR PTZ Dome 2MP 25X, D/N, PAL, LED 200m, Analytics, 24VAC
DNA1992YM23A30CA5S	IP IR PTZ Dome 2MP 30X, D/N, NTSC, LED 200m, Analytics, 24VAC
DNA1992YM23B30CA5S	IP IR PTZ Dome 2MP 30X, D/N, PAL, LED 200m, Analytics, 24VAC

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)



DNA1992YM2

D/N IP IR PTZ Dome

2.0MP 25x / 30x 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.: 24VAC/3A, 38W w/IR, heater
IR LEDs Distance: 200m; 2 near view, 4 far view

Mechanical Parameters

Materials: Die Cast Aluminum w/Sunshield

Manual Pan Speed: 0.1° ~ 240°/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°
Auto Flip Function: 180° Tilt
Motor: Stepping type
Fan and heater: Continuous fan; auto-start heater
Dimensions H x Dia.: 14.2"(360mm), 8.1"(205mm)
Weight: 18lbs(8Kg) 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, IP66
Manufactured to: ISO9001

Camera Parameters	DNA1992YM22 – 25X	DNA1992YM23 – 30X
Image Sensor	Progressive Scan 1/2.8" Starvis CMOS, WDR	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:	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)	F1.6 (wide) – F4.4 (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	

