

DNA1994YM5 D/N IR PTZ Domes 5MP 30x w/LEDs/Vandal Auto Tracking/Analytics



DESCRIPTION

The DNA1994YM5V Series are 1/1.9" Starvis CMOS 5MP Network IP Day/Night IR PTZ Domes with 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 output 25/30fps 5MP (2560x1920). 3MP, 2MP, 720p, D1, CIF Resolutions are available providing outstanding quality images under Starlight low illumination – Color 0.01/F1.5/0Lux/IR on. Features are: integrated camera module insert; installs easily into dome housing; connect / disconnect latches, Auto Tracking, analytics (IVS), face detection, IR LEDs up to 200m 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 DWDR. With 24VAC/Hi POE, duplex Audio, RS-485, 7 Alarms in/2 out, Smart Phone Interface, ONVIF, IK10, IP67, the DNA1994YM5V series IP IR Vandal PTZ Domes with Auto Tracking and Analytics are designed to meet demanding, commercial and industrial Network Video surveillance installations.

FEATURES

- * Network 5.0MP Day/Night IR PTZ Dome, LED 200m
- * 1/1.9" Starvis CMOS Scan Sensor; DWDR
- * Illumination Starlight 0.01Lux/F1.5/0Lux IR on
- * H.265 H.264/MJPEG, Triple Stream Encoder
- * 5.0MP with 30 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 with Heater, Defog, Sunshield
- * 24 VAC input Voltage, 50Hz/60Hz, Hi-POE
- * Ethernet, Surge Protection; SD Card (128GB)
- * Compliance CE, FCC, ROHS, ONVIF, IK10, IP67

ORDERING INFORMATION

DNA1994YM53A30CA5V Network IR PTZ Dome, IVS, 5MP 30X, LED 200m, NTSC, 24VAC/POE

DNA1994YM53B30CA5V Network IR PTZ Dome, IVS, 5MP 30X, LED 200m, 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)



DNA1994YM5

D/N IR PTZ Domes

5MP 30x w/LEDs/Vandal

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: 255 with titles
 Tours/Patterns/Scans: 8 / 5 / 5
 Privacy Masking Zones: 24
 Alarm Inputs/Outputs: 7 / 2

Electrical Parameters

Input Voltage/Cons.: 24VAC/3A, 38W w/IR, Hi-POE
 IR LEDs Distance: 200m; 2 near view, 8 far view

Mechanical Parameters

Materials: Die Cast Aluminum w/Sunshield

Manual Pan Speed: 0.1° ~ 200°/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: -20°~90°
 Auto Flip Function: 180° Tilt
 Motor: Stepping type
 Fan and heater: Continuous fan; auto-start heater
 Dimensions H x Dia.: 15"(382mm), 9.45"(240mm)
 Weight: 20lbs(9Kg) w/ bracket

Environmental Parameters

Oper. Temperature Outdoor: -40°F~158°F(-40°C~70°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	DNA1994YM53V - 5MP CMOS - 30X
Image Sensor	Progressive Scan 1/1.9" Starvis CMOS
Effective Pixels	5.0M (2560 x 1920)
Output Pixels:	2560(H)x1920(V)
Resolution (H) Pixels:	2560x1920 / 3MP / 2MP 1080P / 720P / D1
Min. Illum. F1.6, 50 IRE:	0.01Lux/F1.5 / 0Lux/IR On
Frame Rate:	25/30fps @ 5MP, 50/60fps @1080P, 720P
Optical / Digital Zoom:	30X (6mm ~ 180mm) / 16X
View Angle: Wide x Tele	61.2°(Wide) ~ 2.1°(Tele)
F-value:	F 1.6 (wide) - F4.8 (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 / DWDR
White Balance:	Auto, ATW, Indoor, Outdoor, Auto
Sync System:	Internal
Encoder/Parameters	DNA1994YM53V
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
OS/Compatibility:	Linux/WIN; DNB3700, DNA3700, DNA3750, DNA3800, DNA4000, DNA5000 NVR Appliances
CPU Requirement:	Intel Core 4 Quad 2GHz or higher

