

DNA1990CM2

D/N Corrosion Proof IP PTZ Domes 2MP 30x Auto Tracking/Analytics



DESCRIPTION

DNA1990CM2 2.0MP 1/2.8" Exmor CMOS 2MP Network Day/Night Corrosion-proof PTZ Domes with NTSC/PAL video output, 30X Optical, 16x Digital Zoom and true WDR that represent state-of-the art, DSP based camera technology. Units feature H.265/H.264/MJPEG with configurable triple stream outputs @25/30fps 2MP (1920x1080), integrated camera module insert; installs easily into dome housing via user friendly connect / disconnect latches, with Auto Tracking, built-in intelligent analytics(IVS). Included are 300 presets, built-in receiver driver, OSD menu with programmable functions 5 Auto Scan, 5 Patterns and 8 Tours, up to 24 privacy zones, display date/time, compass/tilt angle, Optical Zoom, WDR. With 24VAC, 1 Audio in/1 out, 7 Alarms in/2 out, RS-485, Smart Phone Interface, ONVIF, IK10 and IP68 the DNA1990CM2 series Corrosion proof, IP PTZ Domes with Auto Tracking and Analytics are designed to meet commercial and industrial Network Video surveillance installations.



FEATURES

- * IP 2MP, Corrosion-proof, D/N PTZ Domes, NTSC/PAL
- * 1/2.8" CMOS Progressive Scan Sensor 1920x1080
- * H.265/H.264/MJPEG, configurable triple Streams
- * 2.0MP with 30x Optical, 16x Digital Zoom
- * Minimum Illumination: Color 0.005/0.0005Lux/BW
- * 10/100 Mbps Ethernet Compatible; RJ-45 LAN Port
- * Auto Tracking: single, multiple, panoramic scenes
- * Built-in Analytics: Tripwire, Perimeter protection, Loitering, abandoned objects, missing objects Detection, Face Detection, Camera Tamper alarm
- * Variable Bit Rate and Constant Bit Rate
- * PTZ Data RS-422/RS-485 with P/D Protocol
- * 300 Presets, 8-24 Privacy Masking Zones
- * OSD Display of Camera ID, PTZ Coordinates
- * 5 Auto Scan, 5 Patterns; 8 Tours, WDR (120dB)
- * 7 Alarms in, 2 Alarms out, Audio in/out, SD Card
- * Smart Phone Interface: iPhone, Android, Windows
- * Corrosion Proof SS316 Materials, Sunshield
- * 24 VAC input Voltage, 50Hz/60Hz, POE+ (802.3at)
- * Compliance CE, FCC, ROHS, ONVIF, IK10, IP68

APPLICATIONS

- * Homeland Security
- * Correctional Centers
- * Petrochemical Industry
- * Corrosive Environments
- * Schools and Universities
- * Government and Military
- * Power Generating Plants
- * Traffic Surveillance (ITS)

ORDERING INFORMATION

DNA1990CM23A3CA5S IP Corrosion Proof PTZ Dome 2MP 30X, D/N, NTSC, 24VAC/POE

DNA1990CM23B3CA5S IP Corrosion-Proof PTZ Dome 2MP 30X D/N, PAL, 24VAC/POE

└─ 2=2MP; 3=30X optical zoom



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D/N Corrosion Proof IP PTZ Domes 2MP 30x 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, 9600, Pelco D/P

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, 13W / POE+ (802.3Aat)

Mechanical Parameters

Materials: Die Cast Aluminum w/Sunshield

Auto Flip Function:

Manual Pan Speed:

Manual Tilt Speed:

Preset Speed:

Rotation travel:

Tilt Travel:

Motor:

Fan and heater:

Dimensions H x Dia.:

Weight:

Lower Bubble:

Environmental Parameters

Oper. Temperature:

Humidity:

Regulatory Compliance

Agencies:

Manufactured to:

180° Tilt

0.1° ~ 360°/sec/max

0.1° ~ 300° /sec/max

600° per sec Pan/500° per sec Tilt

Pan 360° continuous

-2°~90°

Stepping type

Continuous fan; auto-start heater

11.4"(29mm), 8.7"(222mm)

15.2lbs(7Kg) w/ bracket

Polycarbonate (vandal)

-40°F~158°F(-40°C~70°C)

0~95% (Non-condensing)

CE, FCC, ROHS, ONVIF, IP68

IK10

ISO9001

| Camera Parameters | DNA1990CM23 - 2MP Exmor CMOS |
|---------------------------------|---|
| Image Sensor | 2MP Progressive Scan 1/2.5" Exmor CMOS Image Sensor |
| Effective Pixels | 1920(H)x1080(V) |
| Output Pixels: | 1920(H)x1080(V) |
| Resolution (H) Pixels: | 1080P / 720P / D1(704x576/704x480) |
| Signal to Noise Ratio: | > 55dB |
| Illumination F1.6, 50 IRE: | Color 0.005Lux/F1.6, 0.0005Lux/BW/F1.6 |
| Frame Rate: | 1080P/720P(1~30fps); D1(1~30fps) |
| Optical / Digital Zoom: | 30X (F=4.5mm~135mm / 16x |
| View Angle: Wide x Tele | 67.9°(Wide) ~ 2.4°(Tele) |
| F-value: | F 1.6 (wide) - F4.4 (telephoto) |
| Focus: | Auto/Manual (Far/Near) |
| Day/Night: | Auto(ICR) / Color / B/W |
| Privacy Masking: | ON/OFF (up to 24 areas) |
| Electronic Image Stabilization: | Supports |
| Gain Control: | Auto / Manual |
| BLC: | BLC / HLC / WDR (120dB) |
| White Balance: | Auto, ATW, Indoor, Outdoor, Manual |
| Noise Reduction: | Ultra DNR (2D/3D) |
| Encoder/Parameters | DNAZ1990CM23 |
| Video Compression: | H.265/H.264/MJPEG, Triple Stream, Configurable |
| Output Bit Rate: | Variable Bit Rate (VBR) & Constant Bit Rate (CBR) |
| 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, Chrome, Firefox, Safari |
| Operating System: | Compatible with DNA3750, DNA3800, DNA4000 and DNA 5000 Series NVR Appliances or WIN 7 /WIN 8/ WIN 10 |
| CPU Requirement: | Intel Core 4 Quad 2GHz or higher |
| 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 |
| Features and Analytics: | Auto Tracking with event recording, Tripwire - Motion Detection with alarm recording, Cross Warning Zone, Perimeter protection, loitering, abandoned objects, missing objects detection, face detection, illegal parking, speed detection, optional people counting |

