

DNE1994YM5W

D/N IR PTZ Domes

5MP 30x w/LEDs/Wiper

NDA/Analytics



DESCRIPTION

The DNE1994YM5W Series are 1/2.8" Starvis CMOS 5MP Network; **NDA Compliant** 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 video compression and configurable triple stream output 25/30fps 5MP (2592x1944). 3MP, 2MP, 720p, D1, CIF Resolutions are available providing outstanding quality images under 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, analytics (IVS), face detection, IR LEDs up to 200m night vision, EIS and Defog. Included are 400 presets, receiver driver; OSD menu with programmable functions, 12 Scans, 6 Patterns, 12 Tours, 24 privacy zones, display date/time, compass/tilt angle, and WDR(120DB). With 36VDC/Hi POE, duplex Audio, RS-485, 7 Alarms in/2 out, Wiper, CVBS out, Smart Phone Interface, ONVIF, IP66, the DNE1994YM5W series IP IR PTZ Domes with Auto Tracking and Analytics are designed to meet demanding, commercial and industrial Network Video surveillance installations.



FEATURES

- * Network 5MP Day/Night IR PTZ Dome, LED 200m
- * 1/2.8" Starvis CMOS Scan Sensor; 120dB WDR
- * Illumination 0.005Lux/F1.6/0Lux IR LED on
- * H.265 H.264, Triple Stream Encoder
- * 5MP with 30 Optical, 16x Digital Zoom
- * Auto Tracking with Alarm Trigger Events
- * Built-in Analytics: Tripwire, Perimeter protection, Loitering, Abandoned Objects, Missing Objects Face, Human, Vehicle Detection and Capture
- * Variable Bit Rate and Constant Bit Rate
- * OSD: D/N, AGC, WB, WDR, 3DNR and EIS
- * 400 Presets, Auto Pan, 24 Privacy Zones
- * Programmable 12 Auto Scan, 6 Patterns; 12 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, Heater, Sunshield, Wiper
- * 36 VDC input Voltage, 50Hz/60Hz, POE
- * Ethernet, Surge Protection; SD Card (256GB)
- * Compliance CE, FCC, ROHS, ONVIF, IP66, NDA

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)

ORDERING INFORMATION

- DNA1994YM53A9CA5W Network IR PTZ Dome, IVS, 5MP 30X, LED 200m, Wiper, NTSC, 36VDC/POE
- DNA1994YM53B9CA5W Network IR PTZ Dome, IVS, 5MP 30X, LED 200m, Wiper, PAL, 36VDC/POE



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Video Specifications

Video output: CVBS NTSC, PAL versions
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: 12 / 6 / 12
Privacy Masking Zones: 24
Alarm Inputs/Outputs: 7 / 2

Electrical Parameters

Input Voltage/Cons.: 36VDC/3A, 45W w/IR, Hi-POE
IR LEDs Distance: 200m; 2 near view, 8 far view

Mechanical Parameters

Materials: Die Cast Aluminum w/Sunshield
Feature: Wiper

Manual Pan Speed: 0.1° ~ 300°/sec/max
Manual Tilt Speed: 0.1° ~ 90° /sec/max
Preset Speed: 300°/sec Pan; 300° /sec Tilt
Rotation travel: Pan 360° continuous
Tilt Travel: -10°~90°
Auto Flip Function: 180° Tilt
Motor: Stepping type
Fan and heater: Continuous fan; auto-start heater
Dimensions H x Dia.: 14.3"(363mm), 8.9"(226mm)
Weight: 12lbs (5.5Kg) w/o bracket

Environmental Parameters

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, NDAA
Manufactured to: ISO9001

Camera Parameters	DNE1994YM53W - 5MP CMOS - 30X
Image Sensor	Progressive Scan 1/2.8" Starvis CMOS
Effective Pixels	5M (2592 x 1944)
Output Pixels:	2592(H)x1944(V)
Resolution (H) Pixels:	2592x1944 / 4MP / 2MP 1080P / 720P / D1
Min. Illum. F1.6, 50 IRE:	0.005Lux/F1.6 / 0Lux/IR On
Frame Rate:	25/30fps @ 5MP, 4MP, 2MP, 720P
Optical / Digital Zoom:	30X (5.3mm ~ 159mm) / 16X
View Angle: Wide x Tele	55°(Wide) ~ 1.7°(Tele)
F-value:	F 1.6 (wide) - F43 (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 / WDR
White Balance:	Auto, ATW, Indoor, Outdoor, Auto
Sync System:	Internal
Encoder/Parameters	DNE1994YM53W
Video Compression:	H.265/H.264, 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; DNB3500, DNI3000 CMS/VMS
CPU Requirement:	Intel Core 4 Quad 2GHz or higher

