DNA1290M4
4M 32x Optical Zoom
D/N IP Zoom Box Camera
Analytics

DESCRIPTION

The DNA1290M4 Series are 1/2.8" CMOS 4MP Network IP Day Night Zoom Box Camera 32X Optical, 16x Digital Zoom are Network ready, that represent state-of-the art, DSP based camera technology. Units are designed with H.265/H.264/MJG video compression and configurable triple stream outputs at 25/30fps 4MP (2560x1440). 1.3MP, 720p, D1 and CIF resolutions are available for outstanding quality images under Starlight low illumination – Color 0.005/F1.4/0.0005/BW/F1.4. Features are: block cameras and zoom lens receiver drivers, Auto Tracking, built-in intelligent analytics (IVS), EIS, Defog, OSD with D/N, BLC, HLC, WB, AGC, 3DNR, RJ-45 Ethernet port, Audio in/out, RS-485, 2 Alarms in/1 out, Smart Phone Interface, ONVIF and IP66. With input 12VDC/POE, the DNA1290M4 series IP D/N Zoom Box Camera with Analytics are designed to meet demanding, commercial and industrial Network Video surveillance installations.

FEATURES

* Network 4MP D/N Integrated Zoom Box Cameras
* 1/2.8" Starlight Progressive Scan Image Sensor
* Illumination Starlight Color 0.005Lux/0.0005/BW
* H.265/H.264/MJPEG and Triple Stream Encoder
* 4MP with 32x Optical, 16x Digital Zoom
* Day/Night ICR, WDR(120dB), Auto Iris and Focus
* OSD with AWB, AGC, BLC, 3DNR, 2DNR
* Up to 24 Zones Privacy Masking
* Built-in Analytics: Tripwire, Perimeter protection
   Loitering, abandoned objects, missing objects,
   Face Detection, Vehicle Capture, Camera tamper
* Supports filtering false alarms: animals, leaves
* Supports RTP/RTSP Unicast/Multicast
* Variable Bit Rate and Constant Bit Rate
* Audio in/out, 2 Alarms in 1 Relay out; RS-485
* 10/100 Mbps Ethernet Compatible; RJ-45 Port
* Smart Phone - iPhone, iPad and Android
* Micro SD Card Slot local recording; 512GB
* Available 12VDC Input Voltage, POE (802.3af)
∗ Compliance with CE, FCC, ROHS, ONVIF

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

DNA1290M43A-4   4MP Integrated Zoom Box Camera 32X, NTSC, Audio, Data, Alarms, 12VDC/POE

DNA1290M43B-4   4MP Integrated Zoom Box Camera 32X, PAL, Audio, Data, Alarms, 12VDC/POE

DNA1290M43-IRH-4 Housing with IR LEDs for 100m Night Vision

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Video Specifications

Video Compression:	H.265/ H.264 / MJPEG	Max power consumption:	1.5A, 6W
Frame Rate 2MP	Main 4MP/720p; Sub D1/CIF	MTBF:	50,000 hours
		IR LED Housing:	100m Night Vision

Audio Specifications **Network Parameters**

Audio Compression:	G711a/u(32kbps), PCM(128kbps)	Max User Access:	20 simultaneously
Interface:	Terminal Block in/out	Smart Phone:	iPhone, Android

Data Specifications **Mechanical Parameters**

RS-232:	PC Control	Net weight:	2.245lbs(1Kg)
RS-422/RS-485:	Terminal Block in/out	Dimensions LxWxH:	6.3"(160mm), 2.75"(70mm),
Protocols/Baud Rate:	Pelco D, 2400		2.75"(70mm)
10/100Mbps Ethernet:	RJ-45 Port		

Auxiliary Specifications **Environmental Parameters**

		Operating temperature:	-40°F~140°F (-40°C~60°C)
Alarms:	2ch in/1 out Terminal Block	Operating humidity:	0~90% non-condensing
Memory Card Slot:	SD Micro - max. 512GB	**Regulatory Compliance:**	CE, FCC, ROHS, ONVIF

Electrical Parameters

Input power:	12VDC, 50/60Hz; POE(802.3af)	**Manufactured to:**	ISO9001 Standards

Camera Parameters	DNA1290M43
Image Sensor	Progressive Scan Exmor CMOS
Effective Pixels	4.0M (2560x1440)
Output Pixels:	2560(H)x1440(V)
Resolution (H) Pixels:	4MP/ 1080p/720P / D1(704×576,704×480), CIF
Min. Illum. F1.6, 50 IRE:	Color 0.005Lux/0.0005 Lux/B/W
Frame Rate:	4MP/2MP/720P(1~30fps); D1(1~30fps)
Optical / Digital Zoom:	32X (4.8mm ~ 154mm) / 16X
View Angle: Wide x Tele	55.8°(Wide) ~ 2.7°(Tele)
F-value:	F1.5 (wide) – F4.0 (telephoto)
Focus:	Auto/Manual (Far/Near)
IR Cut Filter Removable:	Auto(ICR) / Color / B/W
Electronic Shutter:	1/1~1/10,000s
Wide Dynamic Range:	WDR (120dB)
Privacy Masking:	ON/OFF (up to 24 areas)
Electronic Shutter:	1/1 to 1/10,000 s, Total 22 steps
IRIS:	Auto
BLC:	BLC / HLC / WDR (120dB)
White Balance:	Auto/ATW/Indoor/Outdoor/Manual
Encoder/Parameters	**DNA1290M43**
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, Bonjour
Web Server:	Intuitive Browser Interface, Internet Explorer
Operating System:	Compatible with NVR Management and DNA2000, DNA3750, DNA3800, DNA4000, DNA5000 Series NVR Server Appliances
CPU Requirement:	Intel Core 4 Quad 2GHz or higher for Client

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