

DNZ6712M2C

Water Cooled Corrosion Proof 2MP 30x Zoom Camera System NDAA/Analytics



DESCRIPTION

DNZ6712M2C are 1/2.8" 2MP Day/Night, 30X optical, 16x digital zoom, **NDAA Compliant**, Network-ready, rugged grade, 250°C ambient high temperature, water cooled, Zoom Camera Systems that represent state-of-the art, surveillance technology. Units are designed with Encoder H.264 / H.265 / MJPEG video compression and triple stream outputs at 50/60fps 2MP (1080p); feature motorized zoom lens, receiver/driver, true WDR(120dB and intelligent analytics (IVS). Included are Audio in/out, 2 Alarms in/2 out, RS-485, OSD menu with programmable functions WB, AGC, BLC, ultra 3DNR; double wall SS316 housing construction with 2 cable glands, in/out water inlets and IP66 rating. With 12VDC/POE option, Web and Client Software, Smart Phone interface, the Network DNZ6712M2C Series water cooled, Corrosion Proof Zoom Camera Systems are designed to meet demanding industrial and high temperature environmental IP video surveillance installations.



Wall Bracket



FEATURES

- * Network 2MP Water Cooled Camera System
- * CMOS Progressive Scan Sensor; true WDR
- * H.264/H.265/MJPEG; triple Stream Encoder
- * 10/100 Mbps, RJ-45 Port Ethernet Port
- * Motorized Lens with 30x Optical Zoom
- * Hardened Glass Material in Camera Housing
- * 250° High Temperature Ambient Environment
- * RS-422/485 Rec./Driver with P/D protocol
- * Built in Analytics: Tripwire, Perimeter Protection
Face Detection, Abandoned, Missing Objects
- * 2 Alarms in/2 out; 1 Audio input/1 output
- * Smart Phone - iPhone, iPad and Android
- * Web and Client Software; 20 Access Users
- * Stainless Steel 316L Construction Materials
- * Corrosion Resistant, Marine Housing IP66
- * 24VAC, 24VDC Input Voltage; POE option
- * Comply CE, ROHS, ONVIF, **NDAA**

APPLICATIONS

- * Homeland Security
- * Correctional Centers
- * Petrochemical Industry
- * Marine Environments
- * Government and Military
- * Power Generating Plants

ORDERING INFORMATION

- DNZ6712M23AC4 Network 2MP water cooled Corrosion Proof, Zoom 30X, NTSC, IP66, 12VDC/POE
- DNZ6712M23BC4 Network 2MP water cooled, Corrosion Proof Zoom 30X, PAL, IP66, 12VDC/POE
- DZ6700-45A Wall Bracket with Swivel



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Video Specifications

Video Output: NTC/PAL
Ethernet Port: 10/100Mbps RJ-45

Audio Specifications

Audio Compression: G711a/u(32kbps), PCM(128kbps)
Interface: Terminal Block in/out

Data Specifications

Receiver/Driver: Built-in for Zoom Lens
Data Interfaces: RS-422/RS-485
Protocol/Baud Rate: Pelco D, 2400

General Parameters

Optical/Digital zoom: 30x /16x
Privacy Masks: up to 24
Motion Detection: Supports
Alarm Inputs/Outputs: 2 in; 2 out

Electrical Parameters

Voltage/Consumption: 12VDC/POE; 15W

Mechanical Parameters

Cable Thread: 2 glands, G1/2
Water ingress: 1 input and 1 output
Cooling Water: Temperature: ≤35°C
Pressure: ≥0.4Mpa per liter
Flow: ≥2800 liters/hour
Ambient: Temperature: ≤250°C, 482°F
Construction: Stainless Steel 316 grade
Dimensions L x W x H: 16.5" (356mm), 6.4" (138mm)
7.3" (158mm)H
Weight (Net/Gross): 21lbs(9.5Kg) / 24lbs(10.5Kg)

Environmental Parameters

Operating Temperature: -4°F ~ +482°F(-20°C ~ 250°C)
Humidity: 0~95% (Non-condensing)

Regulatory Compliance

Marine Design Housing, ONVIF, CE, ROHS, IP66, **NDAA** ISO9001

Manufactured to:

Camera Parameters	DNZ6712M23C
Image Sensor	Progressive Scan Exmor 1/2.8" CMOS
Effective Pixels	2.0M (1920 x 1080)
Output Pixels:	1920(H)x1080(V)
FPS:	50/60 @1080P / 720P / D1(704x576,704x480), CIF
Min. Illum. F1.6, 50 IRE:	Color 0.005Lux/F1.6/0Lux/IR ON
Frame Rate:	1080P/720P(1~30fps); D1(1~30fps)
Optical / Digital Zoom:	30X (F=4.5mm~135mm)
View Angle: Wide x Tele	67.8°(W)~2.4°(T) 30x
F-value:	F 1.6(wide) - F5.0(telephoto) 30x
Focus:	Auto/Manual (Far/Near)
IR Cut Filter Removable:	Auto(ICR) / Color / B/W
Electronic Shutter:	1/1~1/30,000s(NTSC); 1/1~1/10,000s(PAL)
Wide Dynamic Range:	True WDR 120dB
Privacy Masking:	ON/OFF (up to 24 areas)
Noise Reduction:	2D / 3D
Focus Distance:	100m - 1000m
BLC:	BLC / HLC / WDR
White Balance:	Auto/ATW/Indoor/Outdoor/Manual
Encoder/Parameters	DNZ6712M2C
Video Compression:	H.264/H.265/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 DNE2404 (NDAA), DNE3800 (NDAA) NVR Series and , DNE9000-VMS Series; WIN8, WIN 10 Servers
CPU Requirement:	Intel Core 4 Quad 2GHz or higher for Client

