

# DNZ6716YM 2MP 30x D/N Explosion Proof IR Zoom Camera System NDAA/Analytics



## DESCRIPTION

DNZ6716YM are 1/2.8" 2MP Day/Night, 30X optical and 16x digital zoom, **NDAA Compliant**, Network-ready, Explosion proof, IR Zoom Camera Systems that represent state-of-the art, rugged design, surveillance technology. Units are designed with quality 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, intelligent analytics (IVS) and LED IR Illuminator for up to 100m night vision. Included are Audio in/out, 2 Alarms in/2 out, RS-485, OSD menu with functions WB, AGC, BLC, ultra 3DNR, SS316L housing construction and IP68 rating. With 24VAC, 24VDC, POE option, Web and Client Software, Smart Phone interface, the Network DNZ6716YM Series Explosion Proof IR Zoom Camera Systems are designed to meet demanding commercial, industrial and environmental IP video surveillance installations.



Junction box

Wall Bracket



## FEATURES

- \* IP 2.0MP IR Explosion Proof 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
- \* Features LED IR Illuminator/100m Nigh Vision
- \* RS-422/485 Rec./Driver with P/D protocol
- \* Analytics Option: Tripwire, Perimeter protection Face Detection, Abandoned, Missing Objects
- \* Motorized Zoom Lens; 2 Alarms in/2 out
- \* Audio In/Output, RS-485 Data Port
- \* Smart Phone - iPhone, iPad and Android
- \* Web and Client Software; 20 Access Users
- \* Stainless Steel 316L Construction Materials
- \* 24VAC, 24VDC Input Voltage; POE option
- \* Corrosion Resistant, Marine Housing IP68
- \* Comply CE, ONVIF, ATEX, IEC ExdIICT6, **NDAA**

## APPLICATIONS

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

## ORDERING INFORMATION

DNZ6716YM23AE3 Network 2MP Explosion Proof IR Zoom 30X, IR 100m, NTSC, IP68, 24VAC

DNZ6717YM23BE9 Network 2MP Explosion Proof IR Zoom 30X, IR 100m, PAL, IP68, 24VDC

DZ1880 Wall Bracket with Stabilization plate; DZ6705-8953 Explosion Proof Junction Box



# DNZ6716YM

## 2MP 30x D/N Explosion Proof IR Zoom Camera System NDAA/Analytics



### Video Specifications

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

### Data Specifications

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

### 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: 24VAC, 24VDC POE option;  
25W IR ON  
IR Control: via Client Software  
IR Distance: LED 100m

### Mechanical Parameters

Construction: Stainless Steel 316L grade  
Dimensions L x H x Di: 15.8"(477mm), 6.5"(165mm)  
7.0"(178mm with bracket plate)  
20lbs(9Kg) / 24lbs(10.5Kg)

### Environmental Parameters

Operating Temperature: -40°F ~ +140°F (-40°C ~ +60°C)  
Storage Temperature: -40°F ~ +176°F (-40°C ~ +80°C)  
Humidity: 0~95% (Non-condensing)

### Regulatory Compliance

ATEX, IEC ExdIICT6; Marine Design  
Housing, ONVIF, IP68, **NDAA**  
ISO9001

Manufactured to:

### Accessories

Wall Bracket: DZ6700-55A  
Dual Wall Bracket: DZ6700-65A  
Junction Box: DZ6705-8953  
Flexible Ex Proof Cables: DZ6700EXPC

Camera Parameters	DNZ6716YM23
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	DNZ6716YM23
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 ( <b>NDAA</b> ), DNE3800 ( <b>NDAA</b> ) NVR Series and , DNE9000-VMS Series; WIN8, WIN 10 Servers
CPU Requirement:	Intel Core 4 Quad 2GHz or higher for Client

