

DNZ1884YM53W 5MP, 30x D/N Explosion Proof IR PTZ Positioning System NDAA/Analytics



DESCRIPTION

The DNZ1884YM53W Series are 1/2.8" CMOS 5MP Network-ready; **NDAA Compliant**, Day/Night, 30x optical, 16x digital zoom, Explosion proof, IR PTZ Positioning Systems that represent state-of-the-art, rugged design, surveillance technology. Units are designed with H.265 / H.264 / MJPEG video compression, triple stream outputs at 25/30fps 5MP(2560x1920); feature pan-tilt, receiver/driver, IVS, WDR (120dB), Defog, EIS and LED IR illumination for 100-150m night vision. Included are 300 presets, 5 Auto Scans, 8 Tours, Audio in/out, Auto Tracking, 7 Alarms in/2 out, RS-485, OSD menu with programmable functions WB, AGC, BLC, 3DNR; SS316L housing, Sunshield, Heater, Wiper, water tank, IP68 rating. With 100-240VAC, Web/Client Software, Smart Phone interface, SD Card, ONVIF, the Series 5MP Network DNZ1884YM53W Explosion Proof, IR PTZ Positioning Systems are designed to meet demanding commercial, industrial and environmental IP video surveillance installations.



FEATURES

- * Network 5MP IR PTZ Explosion Proof System
- * 1/2.8" CMOS Image Sensor; 120dB WDR
- * Illumination 0.007Lux/F1.6 / 0Lux IR LEDs On
- * H.265/H.264//MJPEG, triple Stream Video Encoder
- * 360° Continuous Pan; -90° to +90° Tilt
- * Hardened Glass Material in Camera Housing
- * LED IR Illuminator/100-150m Nigh Vision
- * Analytics as Tripwire, Intrusion, Loitering
- * OSD: D/N, BLC, 3DNR, AGC, AF; EIS, Defog
- * 300 Presets, 5 Scans, 8 Tours; 7 Alarms in/2 out
- * 10/100 Mbps, RJ-45 Port Ethernet Port
- * Audio In/Output, Mic., RS-485 Data, BNC Ports
- * Built-in Washing Water Tank; SD Card(256GB)
- * Smart Phone - iPhone, iPad, Android in NVR
- * TVS6000V Protection, Sunshield, Heater, Wiper
- * Corrosion Resistant, SS316L Marine Housing, IP68
- * 100-240VAC input Voltage; option 24VAC, 24VDC
- * Certificate: EX d IIC, T6, GBDIP, A20 TA, T80°C
- * Comply: ATEX, IECEx, CNEX, CE, ONVIF, **NDAA**

APPLICATIONS

- * Homeland Security
- * Petrochemical Industry
- * Hazardous Environments
- * Mining and Manufacturing
- * Corrosive Environments
- * Marine Environments
- * Government and Military
- * Power Generating Plants



ORDERING INFORMATION

- | | |
|----------------|--|
| DNZ1884YM53AW5 | Network 5MP Explosion Proof IR PTZ 30X, LED 200m, NTSC, IP68, 100-240VAC |
| DNZ1884YM53BW5 | Network 5MP Explosion Proof IR PTZ 30X, LED 200m, PAL, IP68, 100-240VAC |
| DZ1881WMS | Wall Mount Steel Bracket; DZ1887PMA Pole Mount Bracket |
| DZ6705-5382 | Explosion Proof Junction Box |
| DZ6500-3A | Explosion Proof Water Wash Tank |



www.dantesecurity.net

USA

sales@dantesecurity.net

DNZ1884YM53W

5MP, 30x D/N Explosion Proof IR PTZ Positioning System NDAA/Analytics



Video Specifications

Video Output: NTC/PAL

Audio Specifications

Audio/Compression: 1 in/1 out; mic. in G.711a/Mu

Data Specifications

Data Interface: RS-422/RS-485

Baud Rate/Protocol: 2400; Pelco D

Ethernet Port: 10/100Mbps RJ-45

SD Card storage: 256GB

General Parameters

Optical/Digital zoom: 30x /16x

Programmable Presets: 300 ±0.1° accuracy

Tours/Scans: 8 / 5

Alarm Inputs/Outputs: 7 in, 2 out

Electrical Parameters

Voltage/Consumption: 100-240VAC; 75W w/Heater

Wiper/LED Control: via Client Software

IR Distance: LED 100-150m

Mechanical Parameters

Construction: Stainless Steel 316L grade

Manual Pan Speed: 0°~45° /sec

Manual Tilt Speed: 0°~45° /sec

Minimum P/T speed: 0.1° at full zoom

Rotation travel: Pan 360° continuous

Tilt Travel: -90° ~ +90°

Fan and heater: auto-start heater at < -1°C

Dimensions L x D x W: 15.5"(393m), 11.6"(295mm)

19.7"(500mm)

Weight (Net/Gross): 79lbs(35Kg) / 101lbs(45Kg)

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 CE, ROHS, ONVIF, IP68, **NDAA**,

ATEX EX d IIC, d IIC, T6, GBDIP, A20 TA, T80°C

Camera Parameters	DNZ1884YM53W
Image Sensor	Progressive Scan 1/2.8" CMOS
Effective Pixels	5M (2560 x 1920)
Signal to Noise Ratio:	>55dB
Frame Rate:	25/30 @5MP, 4MP, 1080P / 720P / D1(704x576,704x480), CIF
Min. Illum. F1.5, 50 IRE:	Color 0.07Lux/F1.6/0.007Lux/BW/F1.6 / 0Lux/IR ON
Optical Zoom:	30X 5.3mm ~ 159mm
Digital Zoom:	16X
View Angle: Wide x Tele	55.0° ~2.3° (H)FOV / 41.6° ~ 1.7° (V)FOV
F-value:	F 1.6(wide) - F4.3(telephoto)
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 - 1500m
BLC:	BLC / HLC / WDR (120dB)
White Balance:	Auto/ATW/Indoor/Outdoor/Manual
Encoder/Parameters	DNZ1884YM53W
Video Compression:	H.264//H.265/MJPEG, triple Stream, Configurable Encoder
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
DORI(M):	DETECT OBSERVE RECOGNIZE IDENTIFY
Distance as per EN62676:	1860m 750m 370m 190m
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

