

DNA1745T660WM24

Hybrid Thermal Vision 640pixel 2MP IP IR Bullet Camera 45x Analytics



DESCRIPTION

The DNA1745T600WM24 Series are Hybrid dual lens Thermal and visible 2MP Network IP Bullet Camera with 45X Optical Zoom that represent state-of-the art, DSP based camera technology. Units are designed with 5th GEN uncooled VOX 640 pixel array image core, 50mm or 100mm lens (thermal), H.265 / H.264 / MJPEG video compression and configurable outputs 25/30fps @ 1920x1080. The Series DNA1745T600WM24 needs no active illumination; detects a man-sized threat up to 3Km and vehicles to 8Km in total darkness. Features include LED 100m IR night vision, 18 color palettes, EIS, Defog, AGC, HLC, BLC, true WDR (120dB), built-in analytics and Fire detection. With 24VAC voltage/POE, RJ-45 port, RS-485 Data, Audio in/out, 2 Alarms input/2 out, micro SD Card, Smart Phone Interface, ONVIF, IP67, the DNA1745T600WM24 Hybrid dual lens Thermal/IP Bullet Cameras with built-in Analytics are designed to meet the most demanding, commercial and industrial Network Video surveillance installations.

FEATURES

- * Hybrid Thermal/Visible Network 2.0MP Bullet Camera with 45x Optical Zoom (on visible camera)
- * Uncooled 5th GEN Thermal Image 640 VOX Core
- * High Performance 640 x 512 Pixel Resolution
- * 1/2.8" CMOS Progressive Scan Sensor 1944x1092
- * H.265 / H.264 / MJPEG, configurable Encoder
- * Supports 25/30fps @ 1280x1024 or 720p on Thermal
- * Supports 25/30fps @ 1080p or 720p on Visible
- * Illum. Color 0.005/0.00051Lux/F1.6/0 Lux IR On
- * Detection(50mm): People – 1.5Km; Vehicles – 4Km
- * Recogn.(50mm): People – 380m; Vehicles – 980m
- * Detection(100mm) People – 2.9Km; Vehicles– 7.8Km
- * Recogn.(100mm): People – 760m; Vehicles – 1.5Km
- * Built-in Analytics: Tripwire, Perimeter Protection, Abandoned Objects, Fire Detection with Alarm; Auto Tracking of Hot Spots in a Thermal Image
- * Maximum distance vision with IR LED Light 100m
- * 10/100 Mbps Ethernet RJ-45 Port, RS-485 Data
- * Audio In/Out; 2 Alarms In, 2 Alarms Out
- * Smart Phone Interface: iPhone and Android
- * Die Cast Aluminum Housing, Sunshield, Wiper
- * 24 VAC/POE Voltage, 50Hz/60Hz; SD Card (256GB)
- * Compliance CE, FCC, ROHS, ONVIF, IP67

ORDERING INFORMATION

DNA1745T6UZWM24B-4 Hybrid Thermal (50mm) / Visible 45X zoom, 640x512, PAL, 24VAC/POE

DNA1745T6XZWM24B-4 Hybrid Thermal (100m) / Visible 45X zoom, 640x512, PAL, 24VAC/POE

U=50mm lens; X=100mm lens; Z=motorized; W=IR Light



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)



www.dantesecurity.net

Lynbrook, NY USA

sales@dantesecurity.net

DNA1745T660WM24

Hybrid Thermal Vision 640pixel

2MP IP IR Bullet Camera 45x

Analytics



DNA1724T6WM24B	Product Specifications
Image Detector Type:	5th Generation uncooled VOX Microbolometer
Sensor Format / Pixel Pitch:	640 x 512(PAL) / 17 Microns
Fixed Lens:	Highest Quality 50mm, 100mm Lens
Angle of View (H):	50mm - 12.4° to 9.9°; 100mm 6.2° to 5.0° on thermal camera
Spectral Response/Sensitivity:	8um to 14um / < 40mK NETD @ F1.0 (50mm) to F1.4 (100mm)
Visible Camera:	1/2.8" Sony CMOS Image Sensor
Effective Pixels:	1920(H) x 1080(V) - visible camera
Video Format/Output:	IP PAL
Minimum Illumination:	Color 0.005Lux/F1.6, 0.0005Lux/F1.6/BW, 0Lux IR ON
S/N Ratio:	>55dB
IR Distance:	100m
Optical Zoom:	45x on visible camera
DEFOG:	ON / OFF
Focal Length:	3.95mm to 178mm
Field of View:	3.95mm - 70.3°(H), 43.3°(V); 178mm - 1.8°(H), 1.0°(V) on visible camera
Focus Control:	Auto / Manual
Audio Ports:	2 in / 2 out with 2 way talk
Data Port:	RS-485
Alarm Ports:	2 in / 2 out
Performance 50mm lens:	Detection: people - 1470m; vehicles - 4Km
Performance 50 lens:	Recognition: people - 380m; vehicles - 1000m
Performance 50mm lens:	Identification: people - 190m; vehicles - 500m
Performance 100mm lens:	Detection: people - 2.9Km; vehicles - 7.8Km
Performance 100mm lens:	Recognition: people - 760m; vehicles - 1900m
Performance 100mm lens:	Identification: people - 380m; vehicles - 980m
Color Palettes:	18 (White hot/Black hot/Iron row/Ice fire/Fusion/Rainbow/more...)
Encoder and other Parameters	
Video Compression:	H.265H.264/MJPEG, Configurable
LAN Interface:	10/100 Mbps RJ-45 Port
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, Explorer, Chrome
Operating System:	Compatible with DNA3700, DNA3750, DNA3800, DNA4000, DNA5000 Series NVR Appliances (embedded Linux); WIN 10 / WIN SERVER
Smart Phone Interface:	iPhone, iPad, Android
Power Supply/Consumption:	24VAC / <30W IR LED ON and POE
Dimensions W x H x L:	9.8"(249mm) x 14.7"373mm x 17.1"(436mm) (with bracket)
Weight:	20 lbs. (9Kg)
Materials:	Die Cast Aluminum; Waterproof
Regulatory Compliance:	CE, FCC, ROHS, ONVIF, IP67
Manufactured to:	ISO9000

