

# DNB144TAWB

## Traffic Analysis 2MP

### IP D/N IR Bullet Camera

#### H.265/H.264 Triple Stream



#### DESCRIPTION

The DNB1445TAWB Series are 1/1.9" Starvis CMOS, 2MP Network IP Day/Night Traffic Analysis and Car Counting IR Bullet Cameras with CVBS output. Units are designed with high quality Encoder H.265 / H.264 / MJPEG video compression and configurable stream outputs at 50/60fps 2MP (1920x1080) resolution providing outstanding quality images under ultra-low illumination – Color 0.001Lux/0.0001Lux/IR LED on – up to 80m. Features include AE, 3DNR, AWB, WDR (100dB), RJ-45, USB, 2 Alarms In/3 Out, RS-232, 2xRS-485, SD card slot (128GB) and up to 95% Recognition accuracy on Database Server. Configured with P-Iris, DC-Iris 3.6-17mm or 10.5-32mm varifocal lenses, GPS, ONVIF, IP66 and 220VAC the DNB1445TAWB Series 2MP D/N Network IR Bullet Cameras are solutions for demanding Traffic Analysis and Car Counting IP video surveillance installations.



#### FEATURES

- \* Network, 2MP, 1920x1080, D/N Traffic Analysis, Car Counting IR Bullet Cameras with CVBS output
- \* 1/1.9" Starvis CMOS Scan Sensor; 100dB WDR
- \* Illumination Color 0.001Lux/0.0001Lux/IR LED on
- \* H.265/H.264/MJPEG Stream configurable
- \* Supports 50/60fps @ 2MP and 1080p Resolution
- \* Traffic Data collection analysis, Vehicle Type Classification, 250 Vehicle Brands, Traffic Incidence Detection, Traffic Flow, Occupancy, Queue length
- \* Supports up to 95% accuracy on Database Server
- \* Supports 3.6-17mm Varifocal Lens (P-Iris, DC-Iris)
- \* Supports 10.5-32mm Varifocal Lens (P-Iris, DC-Iris)
- \* IR LEDs for Night Vision; 15-80m Traffic Counting
- \* 2 Alarm In/3 Alarm Out, RS-232, 2xRS-485, USB
- \* 10/100Mbps Ethernet Compatible RJ-45 Port
- \* Waterproof Metal Housing with Sunshield
- \* Available with input Voltage 220VAC
- \* Ethernet, Surge Protection; Micro SD Card (128GB)
- \* Compliance with CE, FCC, ROHS, ONVIF, IP66

#### APPLICATIONS

- \* Traffic Analysis
- \* Vehicle Type Detection
- \* Vehicle Counting
- \* License Plate Recognition
- \* Traffic Incidence
- \* Traffic Occupancy
- \* Multi-Lane Traffic Speeds
- \* Traffic Queue Length

#### ORDERING INFORMATION

DNB1445TAW-M8B IP 2MP, D/N Traffic Analysis Bullet Camera, 3.6-17mm lens 15-80m, 220V

DNB1445TAW-Q8B IP 2MP, D/N Traffic Analysis Bullet Camera, 10.5-42mm lens 15-80m, 220V



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**Traffic Analysis 2MP**  
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**H.265/H.264 Triple Stream**



<b>DNA1445TAWB</b>	<b>Product Specifications</b>
Image Sensor:	2MP 1/1.9" Starvis CMOS Progressive Scan Image Sensor with WDR
Effective Pixels:	1920(H)×1080(V)
Minimum Illumination:	Color 0.001LUX/ 0.0001Lux (IR ON)
S/N Ratio:	> 50 dB
Dynamic Range:	WDR 100dB
Auto Iris Control:	P-Iris DC-Iris
Lens /IR Night Vision:	3.6 ~ 17mm or 10.5 ~ 32mm Vari-Focal; 15-80m data counting range
Digital Signal Processing:	High End Encoder with Reset Function
Video Compression:	H.265/H.264/MJPEG Stream, Configurable
Video Resolution:	2MP (1920 x 1080), 1080p
Video Frame Rate:	50/60fps @ 2MP, 1080p
Video Output:	BNC, 1V p-p, CVBS
Data Functions:	RS-232, 2 x RS-485, USB Ports
Additional Functions:	GPS, Video image tampering with watermark
Features:	ABF(Auto Focus), AE(Auto Exposure), 3DNR, AWB, WDR (100dB)
Network Interface:	10/100 Mbps RJ-45 Port
Network Protocol:	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6
Smart Phone/Appliance:	iPhone, iPad and Android
Web Server:	Intuitive Browser Interface, remote web configuration
Analysis Functions:	Up to 3 lanes for traffic data counting; Vehicle type: Passenger Car, Large Truck, Middle size Truck, Passenger Car, Micro bus, Micro Truck, Motorbike, Pedestrian; Statistical data of each lane: time, date, statistical period, lane, Traffic flow, occupancy, headway, average speed, queue length, vehicle type of each line; OSD - Information on video include time and place (channel address), Lane information (number)
CPU Requirement/OS:	Intel Core i7 2.4GHz Database Server Appliance
Alarm Functions:	2 Alarms Input(switch) / 3 Alarms Output(1 switch, 2 relays)
Micro SD Card Slot:	Supports Local Recording - max 128GB
Power Supply:	220VAC - 10W (IR ON)
Operating Temperature:	-40°F ~ 140°F (-40°C ~ 60°C)
Operating Humidity:	0-95% non-condensing
Dimensions L x W x H:	17.6" (447mm) X 9.45 (240mm) 9.17" (233mm)
Weight:	10.1 lbs. (4.5Kg)
Materials:	Metal; Vandal, Waterproof
Regulatory Compliance:	CE, FCC, ROHS, ONVIF, IP66
Manufactured to:	ISO9001:2000 Standards

