

DN1145

1/3", H.264/MPEG4/MJPEG

2 Megapixel D/N IP Camera

Dual Stream



DESCRIPTION

The DN1145 Series are 1/3" CMOS, 2.0 Megapixel Network IP Day/Night cameras. Units are designed with state-of-the-art H.264/MPEG4/MJPEG video compression with configurable dual stream output at up to 24fps and UXGA, SXGA, HD720, XGA, D1, 4CIF, CIF Resolution modes, providing outstanding quality color images under low illumination - 0.5Lux/0.1Lux (DSS on). Features include Aptina Progressive Scan Image Sensor with 1600x1200 resolution, duplex Audio, RS-485, Alarm In/Out, USB port, SD card slot and Motion Detection. Configured to support CS mount, DC (only) Iris lenses and with input voltage 12VDC and POE, they provide best performance to price ratio. The DN1145 Series 2.0 Megapixel Day/Night Network cameras are ideal solutions for the most demanding commercial and industrial IP video surveillance installations.



FEATURES

- * Network, 2.0 Megapixel, 1600 x 1200 (UXGA) Day/Night Cameras
- * Aptina CMOS Progressive Scan Image Sensor
- * Illumination 0.5Lux/50IRE / 0.1Lux/DSS x5 ON
- * H.264/MPEG4/MJPEG Dual Stream configurable
- * Highest Rated Video Compression DSP – by TI
- * Video Server - RJ-45 Ethernet Port
- * Supports UXGA, SXGA, HD720, XGA, D1, 4CIF, CIF
- * Variable Bit Rate and Constant Bit Rate
- * Supports RTP/RTSP Unicast/Multicast
- * Audio Input/Output; G.711 Compression
- * Supports Wireless (WI-FI) Network
- * Supports RS-485 PTZ Data
- * Alarm Input and Alarm Output
- * Audio/Data/Alarms Terminal Block Connector
- * Video Motion Detection/Burnt in Text
- * Supports USB (2.0); Micro SD Card Slot
- * Input Voltage 12VDC - Terminal Block
- * Power over Ethernet – IEEE 802.3af (included)
- * Regulatory Compliance with CE, FCC, ROHS

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)

ORDERING INFORMATION

DN1145A4 Network 2.0 Megapixel (UXGA) D/N Camera, duplex Audio, RS-485, Alarms, 12VDC/PoE

DN1145B4 Network 2.0 Megapixel (UXGA) D/N Camera, duplex Audio, RS-485, Alarms, 12VDC/PoE



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DN1145	Product Specifications
Image Sensor:	Aptina (Micron) 1/3.2" (4:3) CMOS 2M
Effective Pixels:	1600 x 1200 (UXGA, 2M)
Scanning System:	Progressive Scan
Minimum Illumination:	0.51LUX/50IRE / 0.1LUX/DSS x5 ON
S/N Ratio:	> 45 dB
Dynamic Range:	75dB
Auto Iris Control:	DC only
Lens Mount:	CS mount
Digital Signal Processing:	TI Encoder with Reset Function
Video Compression:	H.264/MPEG4/MJPEG, Dual Stream, Configurable
Video Resolution:	UXGA, SXGA, HD720, XGA, D1, 4CIF, VGA, CIF, QVGA, QCIF
Video Frame Rate:	24 fps @ 1600(H)x1200 (V)
Audio Function:	Audio Input / Audio Output; Terminal Block
Audio Impedance:	Input 2.6V p-p typ, 3.3V p-p max; 8KHz and 16KHz sampling rates
Audio Compression:	PCM and G.711
Network Interface:	10/100 Mbps RJ-45 Port; Status and Network LEDs
Wireless Network:	802.11b/g Wireless
Network Protocol:	TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, SNTP, DNS, UPnP, SMTP, SOCK, IGMP, DHCP, FTP, DDNS, PPPoE, SSL v2/v3
Web Server:	Intuitive Browser Interface
Operating System:	Windows XP Pro; Optional Linux (Red Hat recommended)
CPU Requirement:	Intel Core 2 Duo 2GHz (standard NVR); Core 2 Quad 2.4GHz (analytics NVR)
Remote Control:	RS-485 PTZ Data; Terminal Block
Motion Detection:	Supports Multiple Segments per Video
Alarm Functions:	Alarm In / Alarm Out - Relay max. 24VAC 500mA or 12VDC 1A (+5V)
USB and micro SD Card:	Supports 2.0 (external storage, back-up) / Local Recording
Power Supply:	12VDC, 340mA /Terminal Block and Power over Ethernet
Operating Temperature:	32°F ~ 140°F (0°C ~ 50°C)
Operating Humidity:	0-95% non-condensing
Dimensions L x W x H:	3.7" (94mm) X 2.17" (55mm) X 2.17" (55mm)
Weight:	2.2 lbs. (1Kg)
Material:	Die Cast Aluminum
Regulatory Compliance:	CE, FCC, ROHS
Manufactured to:	ISO9001:2000 Standards

