Video Security

Network Cameras | eneo Network Cameras NT Series

NTD-6101/18
1/4" Day&Night Network Dome Camera
with 18x Zoom Lens, 12VDC, 480TVL

Art-No. 93151

SUPPORTED BY
netavis
we observe
OBSERVER II

eneo®

Features

1/4" Super HAD ExView CCD Sensor

Zoom Lens: F1.4/4.1-73.8mm / 10x Digital Zoom

Sensitivity of 0.5Lux at F1.2 (Colour)

High and Low Speed Shutter Control (AES/MES/DSS)

On-screen Menu Control / Camera Title Display

80 Presets

MPEG-4 Compression

Image Frame Rate: Up to 25 Fr./Sec. (720x576 Px.)

Viewer for Monitoring, Recording and Configuration

Pre and Post Event Recording (in Client PC)

Integrated Web Server: 10Base-T/100Base-TX

E-mail Notification in Case of an Alarm

Specifications

System	day&night
Video standard	CCIR/PAL
Sensor size	1/4"
Imager	CCD
Synchronization	Internal
Genlock synchronization	No
Signal-to-noise ratio	50dB
Digital signal processing (DSP)	DSP-3R
Sensitivity (at 50% video signal)	0,5Lux, at F1.2, 0.7Lux at F1.4, 0.05Lux at 1/3sec. shutter speed, 0.01Lux at 1/3sek. shutter speed and IRCF Off
Automatic gain control (AGC)	Automatic (On/Off switchable)
Shutter modes	High and Low Speed shutter
Shutter speed (AES/MES)	Automatic/manual: 1 ~ 1/10,000sec. (PAL)
Integration rate	yes
Low speed shutter (DSS)	Included
White balance	Modes: Manual, Automatic, Indoor, Outdoor, ATW
Backlight compensation	BLC

(Specifications continued)

IR cut filter	yes, Motorized, switchable filter. Automatic function depend on the amount of light. In removed filter position, the colour signal, will be switched OFF
In/outdoor use	Indoor/outdoor camera preferences
Zones	16 each with programmable text labels
Privacy Zone masking	8 maskable zones
Activity detection	yes
Text display	16 character labels
Menu driven set-up	On/Off switchable
Menu languages	English
Picture adjustments	Color, Brightness, Contrast (via Network)
Video outputs (type)	CVBS, VBS
Video outputs	1Vp-p, (C)VBS, 75ohms, BNC
Audio support	yes
Audio	not in conjunction with connection cable NTD-OPX/IPX-CC1, Article no. 74144
Alarm inputs	yes, 2, selectable between NO and NC
Alarm outputs	1
Alarm processing	Built-in Motion Detection, Adjustable sensitivity and dwell time, E-Mail function
Internal storage	no
System requirements	Windows 2000/XP, Intel Pentium IV 2GHz or higher, 512MB RAM or higher, Hard disk 80GB min., depend on recording demand
Compression standard	MPEG4, part 2 (ISO/IEC 14496-2), Profile: SP and ASP
Audio standards	PCM 16/8 Bit (Full duplex)
Resolution max.	720 x 576
Resolution	Network: 720x576 (D1), 640x480, 320x240, 160x120 Px.
Maximum image transmission rate	50HB/Sek.
Frame rate	25 Frps. at 720x576 Px. (PAL)
Ethernet interface	10Base-T, 100Base-TX, RJ-45
Web browser	MS Internet Explorer Vers. 6.0
Network protocols	TCP/IP, DHCP, HTTP, DNNS, UDP, RTP, RTSP, SMTP
Bandwidth	Adjustable
Lens type	zoom
Lens	F1.4 ~ F75/4.1 ~ 73.8mm (18x optical, 12x digital zoom)
Lens mount	integrated lens
Application range	day/night
Nominal format size	1/4"
Aspherical technology	yes
Mount	n/a
Focal length	4,1-73,8mm
Digital Zoom	12x
Horizontal angle of view	48-2,8°
Iris control	auto iris, Automatic (with manual override)

NTD-6101/18

(Specifications continued)

Focus control	Automatic with manual override
Minimum object distance (MOD)	0.3m
Pre-alarm recording	180sec. max.
Post-alarm recording	180sec. max.
Search function	Alarm/Event/Time searching
Serial interfaces	RS-485 Fastrax E Protocol, RS-485
Software upgrade	via Network Interface, incl. Viewer setup
Password protection	yes
PTZ Support	no
Speed range at manual control (pan)	0.5° ~ 90°/sec., Turbo: 380°/sec. (Proportional to the zoom position)
Speed range at manual control (tilt)	0.5° ~ 90°/sec. (Proportional to the zoom position)
Rotation range	continuous: 360°
Vertical tilt range	-10° ~ +90°
Auto flip function	Rotates dome 180° at bottom of tilt travel
Backlash	0.2°
Proportional pan and tilt	Continually decreases pan and tilt speeds in proportion to depth of zoom
Patterns	4 patterns: 1x up to 240sec., or 3x up to 240sec. in total
Preset positioning	80 presets with 16-character labels each. 0.75sec. max. preset recall time
Programmable park position	Included
Tours	Up to 8 User programmable guard tours with vector scan. Consisting of 42 presets and other functions with individual dwell time (3 to 99sec.). Selectable fast or slow vector scan
Autoscan	1x Autopan, 8x Autoscan
Protection rating	IP40
Supply voltage	12VDC
Power over Ethernet	no
Power consumption	12watts max.
19" Rack mountable	no
Temperature range (Operation)	0 ~ +50°C
Housing	Black plastic for indoor drop-ceiling mount up to 0°C
Dimensions (HxWxD)	see drawing
Weight	1.25kg
Parts supplied	Power supply unit 230V/12VDC, RS-485 & Alarm connection cable, Viewer Software, Configuration and client CD-R

Accessories

74057 / EDC-IDF	Flush Mount Dome Housing, Smoked Bubble 4.9"
74139 / EDC-IDFHCB	Flush Mount Dome Closed Housing, Black Trimring, Clear Bubble 6.8"
74130 / EDC-OPC-2/24V	Pendant Mount Outdoor Dome Housing, Sun Shield, Clear Bubble 6.5", 24VAC

(Accessories continued)

74134 / EDC-IPS-2/24V	Pendant Mount Indoor Dome Housing with Tinted Bubble 6.5", 24VAC
74135 / EDC-IPC-2/24V	Pendant Mount Indoor Dome Housing with Clear Bubble 6.5", 24VAC
74136 / EDC-OPS-2/24V	Pendant Mount Outdoor Dome Housing with Sunshield, Tinted Bubble 6.5", 24VAC
74144 / NTD-OPX/IPX-CC1	Connection cable for NTD-6101/xx Network Domes in In/Outdoor Housing
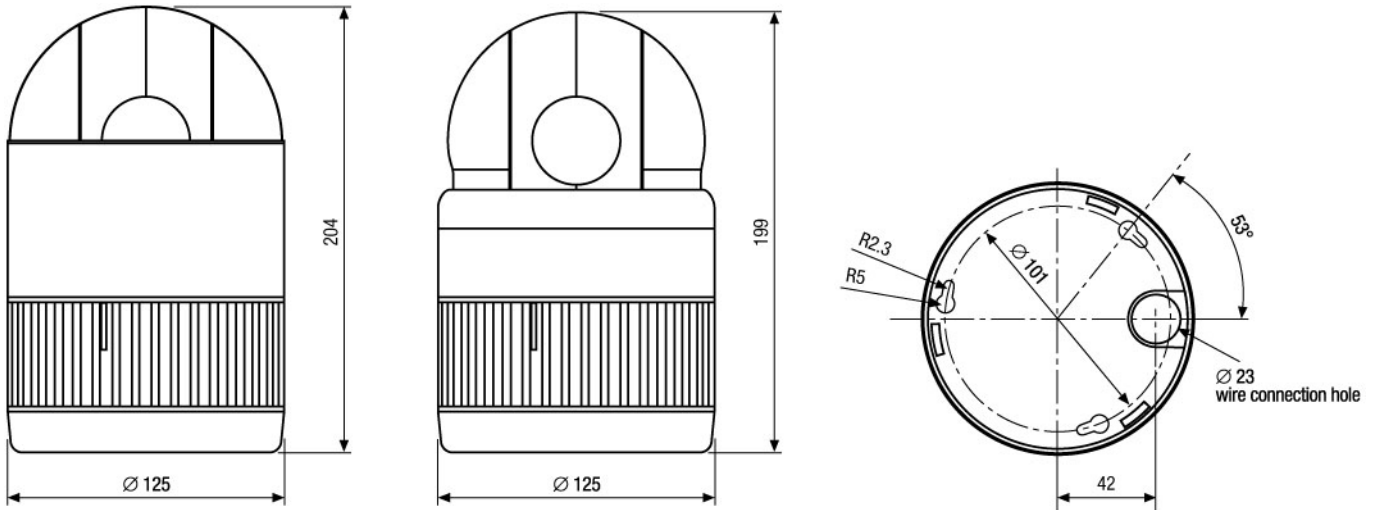
Maße/Dimensions: mm

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