

NDS283 PRO

Full HD H.264 at 30fps, 360X
(30X Optical, 12X Digital)
Auto Zoom Focus, Smart ICR,
Extreme WDR, PoE+,
Network Speed Dome



Why DivioTec?

DivioTec's aim is to transcend the capabilities of the human eye and deliver an entirely new field of view. Our integrative skills and our 20 years of industry experience are constantly driving new innovations.

Our simple, easy-to-use interfaces and our rock-solid security hardware are rapidly earning the respect and confidence of our clients.

We also make a point of listening carefully to our customers' needs, applying what we learn to develop outstanding new products and a culture of exceptional service.

At DivioTec, our experience is your protection.

- 2 Megapixel Progressive Scan CMOS Sensor
- Full HD 1080P Resolution @ 30 fps Real-Time
- H.264 (Baseline/Main/High Profile)/MJPEG Compression
- Quad Streams Support: H.264 x 3 + MJPEG x 1
- 360X (30X Optical Lens, 12X Digital Lens) Auto Zoom Focus
- 256 presets, High speed up to 400°/sec, 360° endless
- Smart Filtering Function Removable IR-cut Filter for Day and Night
- Extreme Wide Dynamic Range (WDR)
- SPQ (Smart Picture Quality) + 3D Noise Reduction
- ROI (Region of Interest) with Multi Cropping
- Advance Motion Detection
- Tampering Alarm and Network Failure Detection
- IP66, IK10 Certificate
- Micro SD Card, ONVIF Support

Image Sensor	1/2.8" Sony Progressive CMOS
Effective Pixels	1920 (H) x 1080 (V)
Minimum Illumination	0.02 lux (Color); 0.005 lux (B/W) @ F1.4
Wide Dynamic Range	Shutter WDR (Up to 120 dB)
White Balance	Auto/Indoor/Outdoor/ATW/Manual
Shutter Speed	1/1~1/10,000 sec.
Lens	30X Optical, 4.4~132 mm
Minimum Focus Length	1 m(Wide); 1.2 m(Tele)
F Number	F1.4(Wide); F4.7(Tele)
Field Of View	60.5°(Wide); 2.3°(Tele)
Digital Zoom	12X
Iris Control	Auto/Manual
AGC Control	Auto/Manual
Backlight Compensation	On/Off
Operation	
Multiple Languages	English/French/German/Italian/Korean/Simplified Chinese/Traditional Chinese/Russian/Spanish
Pan Travel	360° endless
Tilt Travel	-10°~190°
Manual Speed	0.5°~90°/sec
Presets	256
Preset Accuracy	0.225°
Preset Speed	5°~400°/sec
Sequence	8
Auto Pan	4
Cruise	8
Privacy Mask	16
Proportional Pan & Tilt	On/Off (Pan and tilt speed proportional to zoom ratio)
Resume after Power loss	Yes
Home Function	Preset/Sequence/Auto Pan/Cruise
Auto Flip	Image/Mechanical/Off
Motion Detection	Motion detection window x 4 set
Day/Night	IR Cut Filter: Auto/On/Off
Auto/Manual	Flip/Mirror/Inverse
Smart Schedule Profile	10 Profiles/10 Schedule 24 x 7/Day Night Sensor Configurable: Shutter Speed, Exposure, Gain, Wide Dynamic Range, Noise Reduction, White Balance, Backlight Compensation, Picture Adjustment: Brightness/Sharpness/Contrast/Saturation/Hue
Digital Noise Reduction	3DNR + 2DNR: Off/3 Level Sensitivity

Specifications

Network	
Networking	RJ-45, 10/100 Mb Ethernet
Video Compression	H.264/MJPEG
Video Streaming	
Dual Streams	H.264 + MJPEG/H.264 + H.264
Quad Streams	H.264 x 4/H.264 x 3 + MJPEG
Video Resolution	H.264 - Full HD 1080P/1280 x 960/SXGA/HD 720P/XGA/SVGA/D1/VGA/CIF MJPEG - Full HD 1080P/SXGA/HD 720P/XGA/SVGA/D1/VGA/CIF
Protocol	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, NTP, IEEE 802.1x, QoS, ONVIF, ARP
Alarm in/out	Yes
Security	HTTPS/IP Filter/IEEE 802.1x; user account: 20; level: user/administrator
Micro SD	microSDHC 32GB support
Supported Web Browser	Internet Explorer (6.0+)/Chrome/Firefox/Safari
General	
Audio	G.711/G.726, Two way audio
Alarm in/out	4-in/2-out
Alarm Reaction	Preset/Sequence/Auto Pan/Cruise
Operating Temperature	Indoor: 0°C~40°C (32°F~104°F); Outdoor: -40°C~50°C (-40°F~122°F)
Dimension	Indoor: ϕ 171.7 x 228.71 mm (ϕ 6.76 x 9 in.) Outdoor: ϕ 191.97 x 282.71 mm (ϕ 7.55 x 11.1 in.) w/ Sunshield
Weight	Indoor: 1.6 kg (3.57 lb) Outdoor: 2.3 kg (5.11 lb) w/ Sunshield
Power Source	Indoor: 802.3 at PoE+ (30W)/AC 24V \pm 10% Outdoor: 802.3 at PoE+ (60W)/AC 24V \pm 10%
Power Consumption	Indoor: 24W Outdoor: 59W (w/ heater)
Regulatory	Indoor: CE/FCC/RoHS Outdoor: CE/FCC/RoHS/IP66/IK10
Ordering information	Indoor: NDR283I-PRO-Z Outdoor: NDR283U-PRO-Z



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 Specifications are subject to change without notice.
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