

NDS293 PRO

3MP H.265 at 30fps, 300X (30X Optical, 10X Digital) Auto Zoom Focus, 150M (492ft) IR Distance, Smart ICR, WDR, PoE+, IP66 Weatherproof, 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 developing outstanding new products and a culture of exceptional service.

At DivioTec, our experience is your protection.

- 3 Megapixel Sony Progressive CMOS
- Powerful 30x Optical Zoom
- Digital Zoom Support
- Wide Dynamic Range (120dB)
- Quad codec support (H.265 / H.264 Baseline / Main Profile / High Profile / MJPEG)
- Quad Streams Support
- True Day & Night (ICR)
- 2D/3D Noise Reduction
- 802.3at (PoE+) 4-Pair 60W Support for IR & Heater Activation
- Weatherproof (IP66 International)
- Servo Feedback - Improve the mechanism from stalling
- 0 downtime power switching (ZDT)
- IR Distance up to 150M(492ft)
- Electrical Image Stabilizer (EIS) Support
- ONVIF Profile S, G, Q
- Support Micro SD card slot

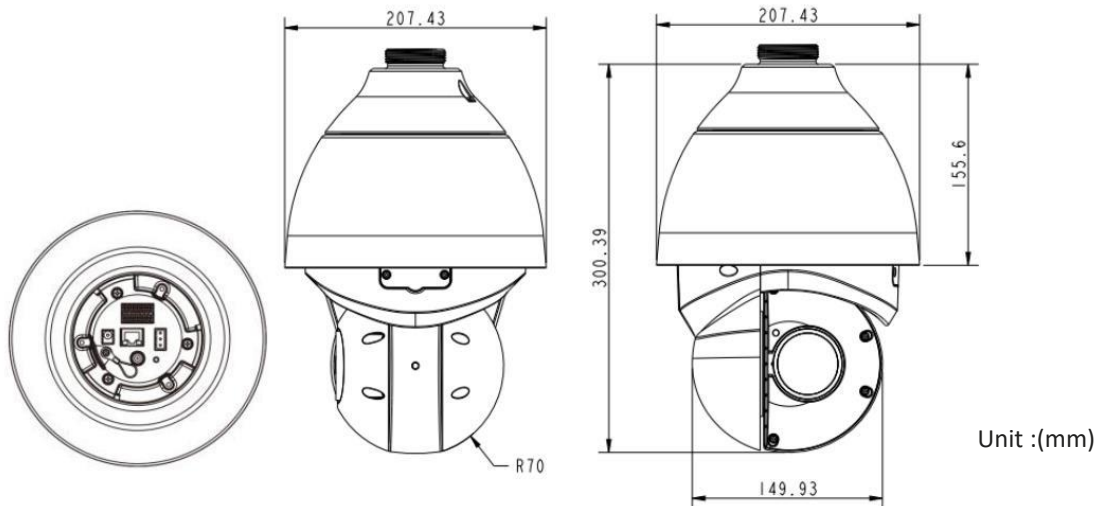
Sensor	
Image Sensor	1/2.8" Sony Progressive CMOS
Effective Pixels	2065(H) x 1553(V)
Minimum Illumination	0.04 lux (Color), 0.01 lux (B/W)
Lens	
Focal Length	4.3-129mm, P-iris
F Number	F 1.6 (Wide); F 4.7 (Tele)
FOV	Horizontal: 62 °(Wide); 2 °(Tele); Vertical: 47 °(Wide); 2 °(Tele)
Optical Zoom	30x
Digital Zoom	10x
IR	
IR Distance	150M(492ft)
Image Setting	
WDR	Multi Shutter(Up to 3 Shutter) WDR 120 dB; Off/ Low/Mid/ High
White Balance	Auto / Indoor / Outdoor / ATW / Manual
Iris Control	Auto / level 1-10
Shutter Speed	1/1.5 ~ 1/10000 sec.
Gain Control	Level 1-3/ Auto
Backlight Compensation	On / Off
Analog output	Yes, always on
Text Overlay	Date & Time/ Text String/ Subtitle/ Image/ Azimuth
Day / Night	Auto/ Night/ Day/ Light Sensor Day/ Night Switch Threshold: level 1-10(illumination) / Smart/ Schedule)
ICR Day/ Night	On/ Off
IR Light Compensation	Yes
Smart Schedule Profile	Multiple schedule applied to one camera configuration profile or Event management Support up to 10 sets of schedules: Day/ Night/ Manual (Start Time, Duration) 10 Profiles (Configurable: Shutter Speed, Exposure, Gain, Wide Dynamic Range, Noise Reduction, White Balance, Backlight Compensation, Picture Adjustment)
Picture Adjustment	Brightness/Sharpness/Contrast/Saturation/Hue
Rotate Function	Mirror/ 90°/ 180°/ 270° rotation
Digital Noise Reduction	3DNR: Low/ Mid/ High; 2DNR: On/ Off; ColorNR: Low/ Mid/ High
Operation	
Multiple Languages	English/French/German/Italian/Simplified Chinese/Traditional Chinese/Russian/Spanish/ Japanese/ Portuguese
Pan Travel	360° endless
Tilt Travel	-20° ~ 100°
Speed by Zoom	Pan :0.1° ~ 90°/s; Tilt :0.1° ~ 60°/s
Presets	256
Preset Accuracy	0.225°
Preset Speed	Pan: 5° ~ 400°/s Tilt: 5° ~ 300°/s 1-10 level
Sequence	Sequence line: 8 (max 64 preset for each line); dwell time: 0~127s; speed: 0~14°
Auto Pan	Auto Pan path: 1~4; speed: 0~3 level
Cruise	8
Privacy Mask	20 (Polygon Support)
Proportional Pan & Tilt	Yes

Resume after Power loss	0 downtime power switching (ZDT) support
Home Function	Line: 1~8; Preset / Sequence / Auto pan / Cruise; time: 1~128mins
Electronic Image Stabilization	On/ Off
Auto Flip	Mechanical / Off
Set pan zero	Yes
Auto Calibration	On / Off, Servo Feedback Support
Audio	
Transmission Mode	Full-duplex (Talk and Listen simultaneously)/ Half-duplex (Talk or Listen, not at the same time)/ Simplex (Talk only)/Simplex (Listen only)/ Disable
Audio Bit rate	16 kbps/ 24 kbps/ 32 kbps, 40 kbps/ uLAW (64 kbps)/ ALAW (64 kbps)/ AAC (128 kbps)/ PCM (128 kbps)/ PCM (256 kbps), PCM (384 kbps)/ and PCM (768 kbps)
Recording to Storage	Yes
Event	
Alarm Detection(Application)	On/ Off/ Schedule;
Motion Detection	Motion Detection Window x 4 sets
Audio Detection	Detection level: 1-100; Time interval (sec): 0-7200
Network Loss Detection	On/ Off/ Schedule; Ping IP time setting: 1-99 minutes
Event Triggers	Motion Detection, Audio Detection, Network Failure Detection; Alarm Detection(Application); Periodical Event; Manual Trigger
Event Action	Enable Alarm Output Send Message by FTP/E-Mail Upload Image by FTP Upload Image by E-Mail Send HTTP Notification Record Video Clip PTZ Function (perform: Preset/ Sequence/ Autopan/ Cruise on the specific Function Line)
Network	
Interface	RJ-45, 1Gbps Ethernet
Protocols	ARP,PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS
Security	HTTPS / IP Filter / IEEE 802.1x;
Supported Web Browser	Internet Explorer (10.0+) / Firefox / Safari
User	user account: 20; level: user/administrator
ONVIF	Profile S / G / Q conformant
Video Codec	
Video Compression	H.265/H.264/MJPEG
Video Resolution	H.265/ H.264: 3M (2048x1536) / Full HD 1080P / SXGA/ 720P / XGA / SVGA / D1 / VGA / CIF MJPEG: Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF
General	
SD Card	Micro SDHC support up to 128GB
Environment	Outdoor
Operating Temperature	-40°C~50°C (-40°F~122°F) with heater
Humidity	10% ~ 90%, No Condensation
Dimension	∅ 207.43 x 300.39 mm with Sunshield
Weight	3.8 kg
Power Source	802.3at (PoE+) 4-Pair 60W / AC 24V ± 20% / DC 12V
Power Consumption	44.5W (with IR & Heater on)
Regulatory	CE / FCC / RoHS / IP66
Ordering Information	NDS293 PRO

Accessories	Description	Photo	Dimension/ Weight
AMS-051	Heavy Duty T-Bar Ceiling		(D) ϕ 166.11 x 276.0 mm / ϕ 6.54 x 10.9 in. (W) 1.1 g / 2.4 lbs.
AMS-052-1	Standard Pendant Mount with Anti-Drop Wire		(D) 348.0 x 104.0 x 138.6 mm / 13.7 x 4.1 x 5.5 in. (W) 1.5 kg / 3.3 lbs.
AMS-053-1	Mini Pendant Mount with Anti-Drop Wire		(D) 184.0 x 104.0 x 127.0 mm / 7.2 x 4.1 x 5.0 in. (W) 0.6 kg / 1.32 lbs.
AMS-054	Corner Standard Mounting		(D) 222.0 x 204.0 x 117.0 mm / 8.7 x 8.0 x 4.6 in. (W) 2.0 kg / 4.4 lbs.
AMS-055	Corner Mini Plate		(D) 270.0 x 166.0 x 68.0 mm / 10.6 x 6.5 x 2.7 in. (W) 0.94 Kg
AMS-056-01	Straight Tube-Long		(D) 500.0 mm / 19.7 in. (W) 1.8 kg / 4.0 lbs.
AMS-056-02	Straight Tube-Short		(D) 250.0mm / 9.8in. (W) 1.0 kg / 2.2 lbs.
AMS-057	Pole Thin Direct Mounting		(D) 232.0 x 136.0 x 50.0 mm / 9.1 x 5.4 x 2.0 in. (W) 0.7 kg / 1.5 lbs.
AMS-058	Pole Wide Direct Mounting		(D) 270.0 x 170.0 x 60.0 mm / 10.6 x 6.7 x 2.4 in. (W) 1.0 kg / 2.2 lbs.
AMS-059	Corner Thin Box Mounting		(D) 299.0 x 163.5 x 222.0 mm / 11.8 x 6.4 x 8.7in. (W) 3.0 kg / 6.6 lbs.
AMS-060	Corner Wide Box Mounting		(D) 232.0 x 233.6 x 175.0 mm / 9.1 x 9.2 x 6.9 in. (W) 2.7 kg / 6.0 lbs.
AMS-061	Pole Thin Box Mounting		(D) 291.0 x 136.0 x 240.0 mm / 11.5 x 5.4 x 9.4 in. (W) 3.1 kg (6.8 lbs)
AMS-062	Pole Wide Box Mounting		(D) 270.0 x 166.0 x 155.0 mm / 10.6 x 6.5 x 6.1 in. (W) 3.2 kg / 7.1 lbs.

AMS-063	Wall Box Mounting		(D) 270.0 x 166.0 x 95.0 mm / 10.6 x 6.5 x 3.7 in. (W) 2.2 kg / 4.9 lbs.
AMS-064	Stainless Steel Straps		(D) Length: 650.0 mm / 25.6 in. ; Width: 12.7 mm / 0.5 in. (W) 50.0 g / 0.1 lbs.
APS-061W	Power Adaptor, AC110V to 24VAC/3.0A, Water proof IP66		N/A
APS-062W	Power Adaptor, AC220V to 24VAC/3.0A, Water Proof IP66		N/A
APS-061	Power Adaptor, AC110V to 24VAC/3.0A, with power code and plug		N/A
APS-062	Power Adaptor, AC220V to 24VAC/3.0A, with power code and plug		N/A
APE301-03	1p PSE injector, 802.3at POE 60W(POE+), GbE, power output via 4-pair, with power cord, metal box		N/A

Dimension Drawing



2019-1-30 released
 Specifications are subject to change without notice.
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