TC-H356S Spec:30X/I
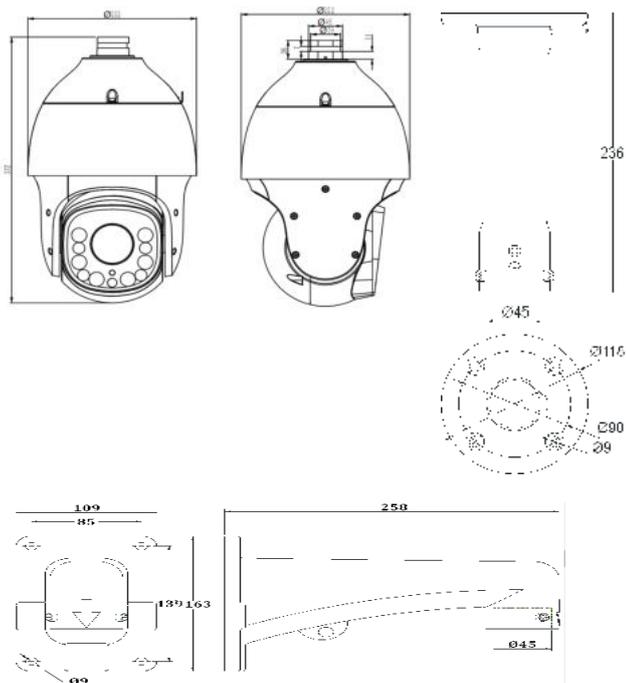## H.265 5MP 30x Starlight IR PTZ

Tiandy

Features

- Starlight Ultra Low Light 0.002lux
- S+265/H.265/H.264 HP/MP/BP/M-JPEG Codec
- Up to 5MP@20fps
- Mechanical WDR 120dB
- Smart IR, IR Range: 400m
- NIR, WDR, 3D DNR, HLC, Dual-ICR, AWB, AGC, BLC

- VCA Tripwire/Double Tripwire/Perimeter/Object Abandon/ Object Lost/Running/Loitering/Parking/Audio Abnormal Detection/Video Abnormal Detection
- Optical Zoom: 30x, Digital Zoom: 16x
- Speed Max 400°/s, -16~90° Tilt Angle
- Audio in/out 1/1,Alarm in/out 1/1,MicroSD Card Slot, up to 128GB, Reset Button
- TVS 6000V, Lightning/Surge 4000V Protection, IP66
- Operating Conditions -40℃-70℃, 0～95% RHG

Dimensions

Camera	
Image Sensor	1/2.8" CMOS
Signal System	PAL/NTSC
Minimum Illumination	Color: 0.002 Lux @(F1.6,AGC ON) B/W:0.001Lux @(F1.6,AGC ON) 0 Lux with IR
White Balance	Auto/ ATW/ Manual
BLC	Y
HLC	Y
Smart Defog	Y
WDR	120dB
Digital Noise Reduction	3D DNR
Exposure Mode	Auto/ Manual/Iris First/ Shutter First
Shutter Time	1/1s～1/100000s
Day& Night	IR Cut Filter with Auto Switch
Optical Zoom	30x
Digital Zoom	16x
Privacy Masking	24 Privacy Mask Programmable; Optional Multiple Colors
Auto Focus	Auto/ Semi-automatic/ Manual
OSD	Size:16×16, 32×32, 24×24, 48×48, 64×64,96×96 Letters, Week, Date, Time, Total 5 Regions ,PTZ Angle Superposition

Lens	
Focal Length	4.7-141mm, 30x
Zoom Speed	Approx.5s(Optical Wide-Tele)
Angle of View	69.5°(w)～2.7°(t)
Minimum Working Distance	1-1.5m(Wide-Tele)
Aperture Range	F1.5 ~ F4.0

Pan & Tilt	
Pan Range	360°endless
Pan Speed	Pan Manual Speed: 0.1° -240°/s Pan Preset Speed: 240°/s stepless
Preset Accurity	±0.2°
Tilt Range	-16°-90° (Auto Flip)
Tilt Speed	Tilt Manual Speed: 0.1°-240°/s Tilt Preset Speed: 240°/s
3D Position	Y
Number of Preset	500
Scan	8
Cruise	8, up to 32 Presets per Cruise
Pattern	8, Each One With 600s Memory or 300 Orders
Power loss recovery	Y
Guard Action	Preset/ Cruise/ Pattern/ Scan
PTZ Position Display	Y
Freeze Frame	Y
RS-485 Protocols	N/A

Infrared	
IR Irradiation Distance	400m
IR Irradiation Angle	Adjustable by Zoom

Interface	
Audio Input	1-ch Mic in(Line in Interface) Line Input 2-2.4V[p-p]; Output Impedance 1KΩ, ±10%
Audio Output	1-ch, Line level, Impendance: 600Ω
Enthernet	1-ch RJ45 10M/ 100M
Alarm Input	1-ch
Alarm Output	1-ch
On-board Storage	MicroSD Card Slot, up to 128GB
BNC	N/A
RS-485	N/A
RESET	Y
Extension	N/A

Network	
Max.Image Resolution	5MP(2592×1944)
Main Stream	2592×1944@18fps；2560×1920@20fps；2592×1520@25fps；2560×1440@25fps；2048×1536@25/30fps；1920×1080@25/30fps 1280×960@25/30fps；1280×720@25/30fps
Sub Stream	704×576@25/30fps；640×360@25/30fps；704×288@25/30fps；352×288@25
Third Stream	704×576@25/30fps；640×480@25/30fps；352×288@25/30fps；
Image Compression	S+265/H.265/H.264 High Profile/MJPEG
ROI Encoding	7 Dynamic Areas for Both Main and Sub Stream
Audio Compression	G711A/G711U/ADPCM/AAC
Protocols	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/FTP/NTP/RTSP/SNMP/SMTP
Remote Connection	5 Users Access at the Same Time
IP Address	Support static, dynamic IP address, Customized MTU , Customized Network card
System Compatibility	ONVIF (Profile S), SDK,P2P

Dimensions(Optional)
Model: **DF20**   **DF21**

Advance	
Autotracking Early Warning(AEW)	N/A
Video Analytics(IVA)	Tripwire/Double Tripwire/Perimeter/Object Abandon/Object Lost/Running/Loitering/Parking/Audio Abnormal Detection/Video Abnormal Detection
Smart-tracking	N/A
Intelligent Alarm	Harsh Voice Alarm, Motion Detection, Mask Alarm, Port Alarm,Network Disable Alarm, IP Conflict, MAC Conflict Detection

General	
Language	English,Spanish,Korean,Italian,Turkish,Thai,Russian,Traditional Chinese,Simplified Chinese,Polish,French
Operating Conditions	-40°C-70°C, 0～95% RHG
Power Supply	AC24V 3A
Power Consumption	38.6W MAX
Circuit Protection	TVS 6000V, Lightning/ Surge 4000V Protection
Impact Protection	IP66
IR LEDs	10 pcs
White LEDS	N/A
Wiper	N/A
Dimensions	372mmx222mmx222mm
Weight	4.8KG (IP PTZ Only), 7.5KG (with Packing Box)

* The latest product information / specification can be found at http://en.tiandy.com/