



reddot award 2018
winner

Premier IR PTZ Cameras

New IDIS IR PTZ cameras offer up to 4K up to resolution and 31x zoom, providing clear monitoring of distant objects

IDIS IR PTZ CAMERAS DC-S3883HRX (8MP) / DC-S3583HRX (5MP)

- 4K UHD (3840 x 2160) resolution
- 31x (6.5 - 202mm) optical zoom
- Powerful IR illumination provides night visibility up to 200 meters
- Smart auto tracking
- Built-in wiper keep lens clear in rain or snow

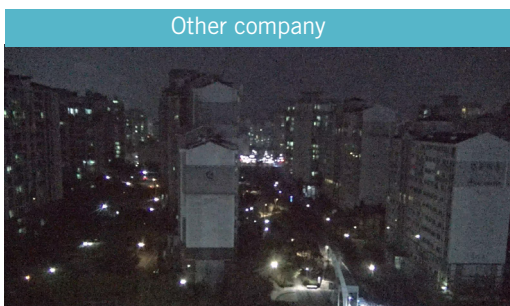
BENEFITS OF THE IDIS IR PTZ

4K Resolution / 31x Optical Zoom

Both cameras offer 31x optical zoom and high resolution images (4K: DC-S3883HRX, 5MP: DC-S3583HRX), making it possible to monitor city streets, parking, casinos, public spaces, airports, as well as other large outdoor locations. Offering at least twice the pixels of Full HD, the cameras deliver noticeably superior image quality.



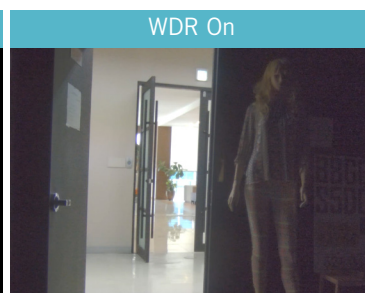
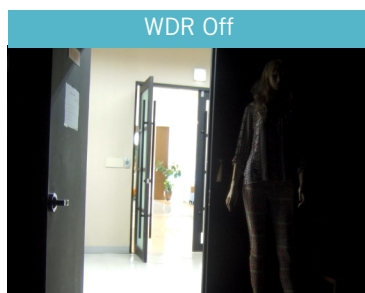
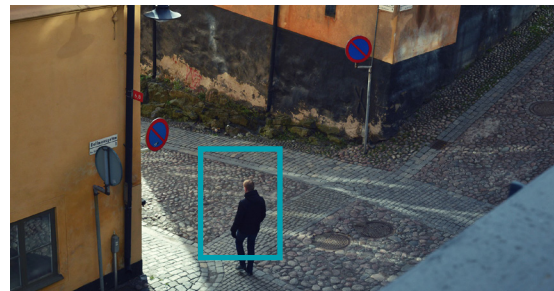
Outstanding Night Vision



As you adjust the zoom level at night, the IR illumination is automatically focused to ensure the field of view is consistently illuminated, ensuring the clearest view up to 200 meters.

Smart Auto Tracking

These cameras recognise objects and will automatically track them, making them a valuable component for capturing useful footage in unmanned surveillance environments.



Clear Video Even in Challenging Lighting Conditions

With True WDR, and an automatic iris, IDIS has resolved the exposure issues caused by uneven lighting. They work together to optimise the contrast in the final images, exposing and capturing previously hidden details.



Water Drop Removal

A built-in lens wiper removes rain and snow from the lens, making sure the clearest image is available even in poor weather conditions.

Cost-effective PoE Powering Option

In addition to standard 24VDC, these cameras can be powered via PoE (using the 60W PoE injector bundle) simplifying and reducing the cost of installation.

Two Global Design Awards

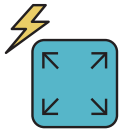
The S3583HRX / DC-S3883HRX have been recognised globally for their high performance features and aesthetic and ergonomic design, earning 2018 global honours in the RedDot and iF Design programs.



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Smart UX Controls v2.0

Super Smooth ePTZ Control



Quick Dewarping



Quick PTZ



Quick Zoom



Quick Save



Quick Find



To combat the limitations of traditional IP PTZ controls, IDIS has developed the game changing Smart UX Controls to provide unparalleled accuracy and ease of use, featuring intuitive “Rubberband” style control, creating an experience unlike any other available on the market.

These smooth and seamless controls allow users to easily follow moving objects in real-time with groundbreaking accuracy by panning images at different speeds and in different directions literally without lifting a finger.

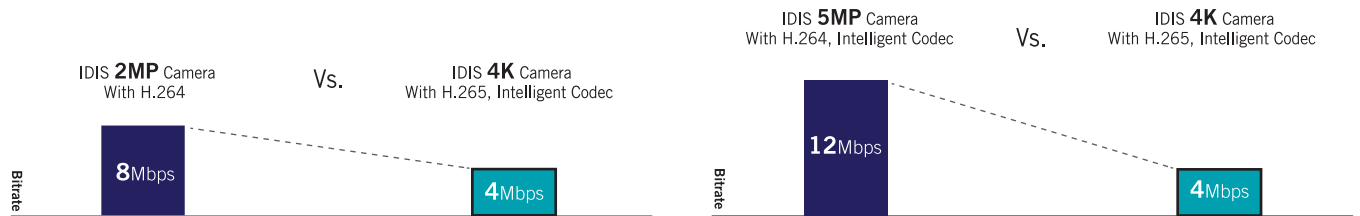
IDIS has also gone one step further to lessen the pain points associated with traditional PTZ controls and introduced “Quick Controls” functions to allow for simple and fast operation utilizing a CTRL button and mouse combination (left/right/wheel click).

IDIS “Quick Controls” consist of “Quick Save,” “Quick Find,” “Quick Dewarping,” “Quick Zoom,” and “Quick PTZ.” These revolutionary controls allow operators to dewarp any point of interest and even pan-tilt-zoom in a dewarping state.

“Quick Find” enables users to drag a saved image to a desired camera channel and view recorded video from the time of saving quickly and with little effort. “Quick Dewarping” allows operators to use the CTRL button with a combination of left, right, and wheel mouse clicks to enable ePTZ, image reset, and zoom in and out functionality to significantly speed up and simplify operation.

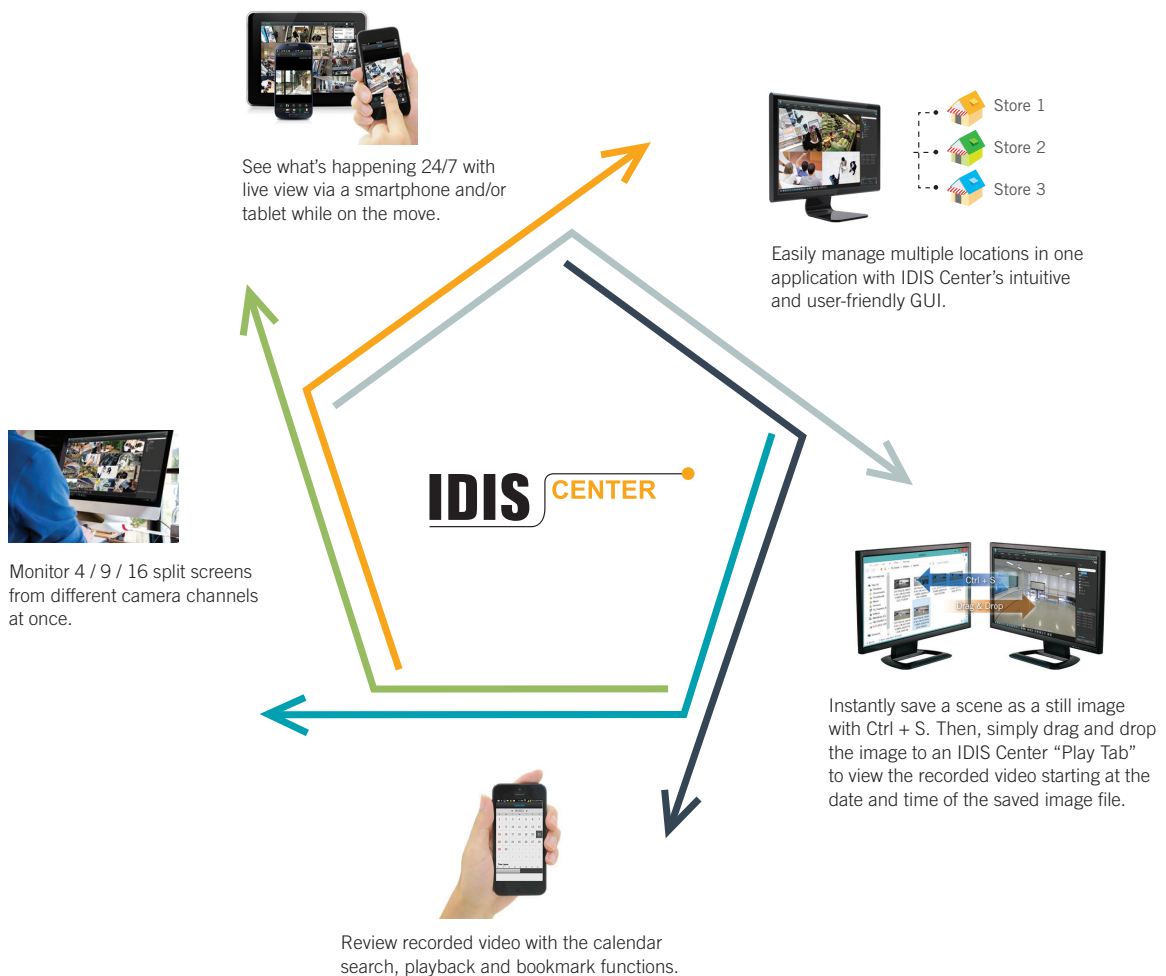
Up to 90% Storage Savings with Intelligent Codec

IDIS Intelligent Codec is an IDIS advanced compression technology that can save up to 90% on storage space and network bandwidth compared to H.264. These cameras also support standard H.265, H.264 and M-JPEG for maximum compatibility.



Easy and Intuitive Surveillance with the Cost-free IDIS Center VMS

IDIS Center is a totally license and cost free central management software solution. It supports live monitoring and video playback, and includes advanced management tools such as event monitoring, facility maps, and condition monitoring of devices.



5MP 31x IR PTZ Camera

DC-S3583HRX

- Easy installation with DirectIP NVR
- 5MP (3072 x 1728) resolution
- AF optical zoom lens (f=6.5 - 202mm), 31x zoom
- micro SD/SDHC/SDXC, Smart Failover (Up to 128GB)
- Two-way audio
- Alarm in / out
- IK10 / IP66 supports
- Built-in heater
- PoE (IEEE 802.3bt), 24V AC
- Day and night (ICR)
- True wide dynamic range (WDR)
- Electronic Image Stabilization (EIS) with gyro sensor
- IR LED (Distance : 200m)
- Supports ONVIF



SPECIFICATIONS

VIDEO		
Image Sensor	1/1.7" CMOS	
Max. Resolution	3072 x 1728	
Scanning Mode	Progressive Scan	
Lens Type	AF Zoom Lens	
Focal Length	f=6.5 - 202mm (31x)	
Aperture	F1.55 - 4.8	
Iris Control	DC Auto Iris	
Angular Field of View	Wide : 58.2° (H), 34.4° (V), 65.2° (D) Tele : 1.99° (H), 1.13° (V), 2.3° (D)	
Min. Illumination	Color : 0.1 Lux @ F1.55 B/W : 0 Lux (IR LED ON)	
Dynamic Range	120dB (True WDR)	
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10000), Anti-Flicker, Slow Shutter (1-1/5, 1/7.5, 1/15)	
Day and Night	IR cut filter with auto switch	
IR Distance (LEDs)	200 m /656.2ft (2ea)	
Image Setting	Configurable Exposure, White Balance, Sharpness	
Digital Noise Reduction	Configurable 2DNR/3DNR	
Backlight Compensation	On / Off / HSBLC	
Mirroring / Pivot	Horizontal / Vertical	
Image Stabilizer	Yes (EIS)	
Privacy Masking	8 Zones	
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Auto Tracking	
Video Out	1 Terminal Block	
PAN / TILT / ROTATE		
Pan Range	360° (Endless)	
Pan Speed	Pan : 0.02~128°/sec (Preset 128°/sec)	
Tilt Range	200° (-10~190°)	
Tilt Speed	Tilt : 0.02~128°/sec (Preset 128°/sec)	
Preset	250ea	
NETWORK		
	DirectIP Mode	Compatibility Mode
Video Compression	H.265, H.264 (MP), M-JPEG	
Intelligent Codec	Supported	
Bitrate Control	H.264 - CBR / VBR, H.265 - CBR / VBR	
Audio Compression	ADPCM 16K, G.726, G.711 u-Law, G.711 a-Law	
Two-way Audio	Yes	
IP Camera Protocol	DirectIP	IDIS ONVIF Profile S
Max. Frame Rate	30ips : 3072 x 1728 (WDR)	30ips : 3072 x 1728 (WDR)
Supported Resolution		3072 x 1728 (5MP), 1920 x 1080, 1280 x 720, 640 x 360
Multi-video Streaming	Quadruple Streaming	Quadruple Streaming
Network Protocols	DirectIP Protocol	RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNTP, SMTP, FEN, mDNS, uPNP
Security	SSL Encryption	Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection	IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100/1000BASE-T)	
Recording Session Buffer (NLTSec)	Yes (Up to 60MB)	
Edge Storage	micro SD/SDHC/SDXC, Smart Failover (Up to 128GB)	
ALARM AND EVENT		
Trigger Event	Motion Detection, Face Detection, Alarm in, Tampering	
Event Notification	Remote S/W, Email (with Image)	
Audio In / Out	Line-in 1ea / Line-out 1ea	
Alarm In / Out	Input 8ea / Output 2ea	
ENVIRONMENTAL		
Vandal Proof Casing	IK10	
Outdoor Ready	IP66, Heater	
Operating Temperature	-40°C ~ +60°C (-40°F ~ +140°F) *Starting Up at Above -20°C (-4°F)	
Operating Humidity	0% ~ 90%	
ELECTRICAL		
Power Source	24VAC, PoE (IEEE802.3bt / PoE Injector)	
Power Consumption	Max 51W (Heater on, IR LED ON)	
Approvals	FCC, CE(50130-4), KC	
MECHANICAL		
Dimensions	Ø242mm x 401.1mm (Ø9.52" x 15.79")	
Weight	7.4kg (16.31 lb)	

DIMENSIONS

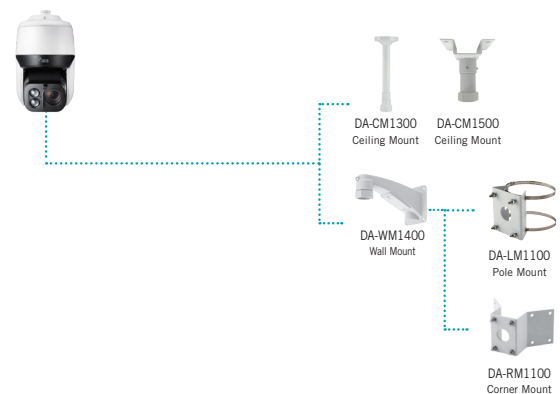
(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



DC-S3883HRX

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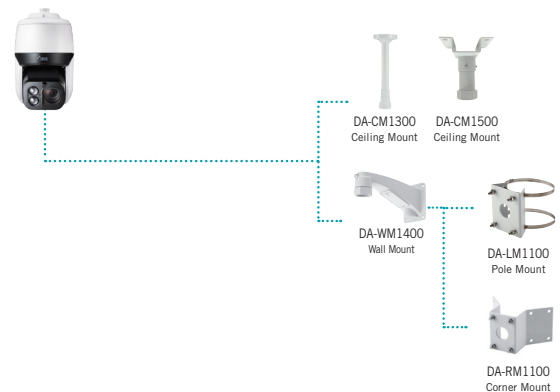
DIMENSIONS



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE



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