

UI

UX



Groundbreaking ease and accuracy with IDIS Smart UX Controls

IDIS DC-S1283WHX

Full HD 30x Optical Zoom PTZ



- Smart UX Controls
- Easy installation with NVRs
- Full HD (1080p) resolution
- 30x Optical Zoom
- AF optical zoom lens (f=4.3 – 129.0mm / F1.6 – 5.0)
- Vandal proof/IP66 support
- Built-in heater
- True WDR (120dB)
- Day and night (ICR)
- Low light enhancer
- DIS (Digital Image Stabilization)
- micro SD/SDHC
- Two-way audio
- Alarm in/out
- PoE (IEEE 802.3af class 4)
- Supports ONVIF

FEATURES OF IDIS 30x PTZ CAMERA

Smart UX Controls

Sling Shot / Rubber Band Controls

IDIS Smart UX Controls present operators with an advanced and simple to use user interface compared with conventional PTZ controls. Smart UX Controls deliver super smooth PTZ operation, enabling viewers to easily monitor images by panning images at different speeds and in different directions.



Aim and click any part of the image to quickly view a specific object, person, or area.



Simply draw a rubber band anywhere for easy and smooth PTZ control.

Direct IP[™] Powered by **IDIS**

DirectIP network cameras provide high resolution image quality using mega-pixel image sensors and quadruple multimedia data streaming technology. Utilizing true plug-and-play, once installed and connected to DirectIP NVRs, the system will automatically display live video without any configuration.

30x Optical Zoom

Capture high-quality, detailed images from great distances with the built-in 30x optical zoom lens.



Wide Angle



At 30x Optical Zoom

Powerful Weather Resistance

IP66 Support: With an IP66 rating, DC-S1283WHX is resistant to all environmental conditions.

Built-in Heater: The IDIS DC-S1283WHX can cope with extremely cold weather conditions.

Operating Temperature

-40°C ~ +50°C (-40°F ~ +122°F)



Wide Dynamic Range

The Wide Dynamic Range (WDR) function provides clear images even under back light conditions, such as a person in front of a bright window, where as a typical camera renders objects in the dark as hardly visible.

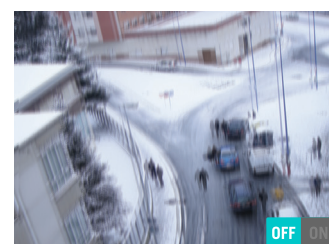
Dynamic Range

True WDR (120dB)



Digital Image Stabilization

IDIS digital image stabilization (DIS) technology compares video data from recorded images to detect shaking camera movement, most often from wind. The camera creates a pixel buffer by recording extra pixels outside of the visible frame. When the camera vibrates or shakes, the camera shifts the visible frame to reduce the jarring effect on the video image.



DC-S1283WHX

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- 30x optical zoom
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- Vandal proof/IP66 support
- Built-in heater
- True WDR (120dB)
- Day and night (ICR)
- Low light enhancer
- Digital image stabilization (DIS)
- micro SD/SDHC
- Two-way audio
- Alarm in/out
- PoE (IEEE 802.3af class 4), 12VDC, 24VAC
- Supports ONVIF

SPECIFICATIONS

VIDEO		
Image Sensor	1/2.8" CMOS	
Max. Resolution	1920 x 1080	
Scanning Mode	Progressive Scan	
Lens Type	AF Zoom Lens	
Focal Length	f=4.3 - 129.0mm	
Aperture	F1.6 - 5.0	
Iris Control	DC Auto Iris	
Angular Field of View	Wide : 65.0°(H), 38.5°(V), 72.9°(D) Tele : 2.3°(H), 1.4°(V), 2.6°(D)	
Min. Illumination	Color : 0.01 lux @ F1.6 B/W : 0.0004 lux @ F1.6	
S/N Ratio	more than 45dB	
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)	-	
Image Setting	Configurable Exposure, White Balance, Sharpness	
Digital Noise Reduction	Configurable 2DNR/3DNR	
Backlight Compensation	-	
Mirroring / Pivot	Horizontal / Vertical	
Image Stabilizer	Yes (DIS)	
Privacy Masking	16 Zones	
Intelligent Video	Video Motion Detection, Face Detection, Active Tampering Alarm	
Video Out	1 Terminal Block	
Pan / Tilt / Rotate		
Pan Range	360° (Endless)	
Pan Speed	0.02~180°/sec (preset 420°/sec)	
Tilt Range	200° (-10~190°)	
Tilt Speed	0.02~180°/sec (preset 420°/sec)	
Preset	256ea	
NETWORK		
	DirectIP Mode	Compatibility Mode
Video Compression	H.264(MP), M-JPEG	
Bitrate Control	H.264 - VBR	
Max. Frame Rate	30fps : 1920 x 1080	
Audio Compression	G.726, G.711	
Two-way audio	Yes	
IP Camera Protocol	DirectIP	IDIS ONVIF Profile S
Supported Resolution	1920x1080, 1280x720, 704x480, 640x360, 352x240	1920x1080, 1280x720, 704x480, 352x240
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, SMTP, SMTTP, 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(10/100BASE-T)	
Edge Storage	micro SD/SDHC	
ALARM AND EVENT		
Trigger Event	Motion Detection, Face Detection, Alarm in, Tampering	
Event Buffering (Pre & Post)	yes (up to 60MB)	
Event Notification	Remote S/W, Email (with Image)	
Audio In / Out	Line-in 1ea / Line-out 1ea	
Alarm In / Out	Input 1ea / Output 1ea	
ENVIRONMENTAL		
Vandal Resistance	Yes	
Outdoor Ready	IP66, Heater	
Operating Temperature	-40°C ~ +50°C (-40°F ~ +122°F)	
Operating Humidity	0% ~ 90%	
ELECTRICAL		
Power Source	12VDC, 24VAC, PoE(IEEE 802.3at class 4)	
Power Consumption	DC12V : Max 27.7W / AC24V : Max 26.5W / PoE : Max 23.7W (Heater on)	
Approvals	FCC, CE, KC, UL	
MECHANICAL		
Dimensions	Ø200mm x 199.5mm (Ø7.88" x 7.86")	
Weight	2.45 kg (5.41 lb)	



DIMENSIONS

(Unit - mm)



ACCESSORIES (OPTIONAL)



ACCESSORIES CONFIGURATION TREE

