DS-2DE4A425IW-DE

Value Series 4 MP Outdoor 25× Network IR PTZ Camera

DarkFighter



- **1/2.5" Progressive Scan CMOS**
- **Up to 2560 x 1440 Resolution**
- **Minimum Illumination:**
  Color: 0.005 Lux @ (ƒ/1.6, AGC on)
  B/W: 0.001 Lux @ (ƒ/1.6, AGC on)
  0 Lux with IR
- **H.265+/H.265 Video Compression**
- **25x Optical Zoom, 16x Digital Zoom**
- **Smart Tracking, EIS, Defog**
- **120 dB WDR**
- **Smart Detection: Line Crossing, Intrusion, Region Enter/Exit**
- **IP66 Protection**
- **12 VDC/PoE+, 18 W**

Hikvision DS-2DE4A425IW-DE Network IR PTZ Cameras produce images with a resolution of up to 2560 x 1440 pixels.

The embedded 1/2.5" progressive scan CMOS chip supports digital WDR, and the 25x optical zoom allows for greater detail to be collected over more expansive areas.

The Network IR PTZ cameras also feature a wide range of smart functions, including intrusion detection, line crossing detection, face detection, and audio exception, which allow for key events and objects to be recorded for further forensic needs.

Smart tracking is included in this model and enables the camera to detect moving objects by following them within the camera's area of coverage.

Available models:
DS-2DE4A425IW-DE

INFRONT TECHNOLOGIES

Supplied by INFRONT TECHNOLOGIES

Phone 1300 736 970

sales@infronttech.com.au · infronttech.com.au

For more information call or email — Australia-wide sales, technical support and warranty service.

Specifications

	DS-2DE4A425IW-DE
Camera Module	
Image Sensor	1/2.5" progressive scan CMOS
Minimum Illumination	Color: 0.005 lux @ (ƒ/1.6, AGC on); B/W: 0.001 lux @ (ƒ/1.6, AGC on); 0 lux with IR
White Balance	Auto/manual/ATW (Auto-Tracking White Balance)/indoor/outdoor/fluorescent lamp/sodium lamp
AGC	Auto/manual
Shutter Speed	1/1 s to 1/30,000 s w/slow shutter mode (2x, 3x, 4x, 6x, 8x)
Day/Night	IR cut filter
Digital Zoom	16×
Privacy Mask	24 programmable privacy masks (only 8 masks are visible at one time)
Focus Mode	Auto/semi-automatic/manual
WDR	120 dB WDR
Lens	
Focal Length	4.8 mm to 120 mm, 25× optical
Zoom Speed	Approximately 3.2 s (optical lens, wide to tele)
Angle of View	Horizontal field of view: 57.6° to 2.5° (wide to tele); vertical field of view: 34.4° to 1.4° (wide to tele); diagonal field of view: 64.5° to 2.9° (wide to tele)
Minimum Working Distance	10 mm to 1500 mm (wide to tele)
Aperture Range	ƒ/1.6 to ƒ/3.5
IR	
IR Distance	165 ft (50 m)
Smart IR	Supported
PTZ	
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 300°/s, preset speed: 350°/s
Movement Range (Tilt)	From -5° to 90° (auto-flip)
Tilt Speed	Configurable, from 0.1°/s to 160°/s, preset speed: 200°/s
Proportional Zoom	Supported
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory:	Supported
Park Action	Preset/pattern scan/patrol scan/auto scan/tilt scan/random scan/frame scan/panorama scan
PTZ Status Display	Supported
Preset Freezing	Supported
Scheduled Task	Preset/pattern scan/patrol scan/auto scan/tilt scan/random scan/frame scan/panorama scan/dome reboot/dome adjust/aux output
Compression Standard	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264; sub-stream: H.265/H.264/MJPEG; third stream: H.265/H.264/MJPEG
H.264 Type	Baseline profile/main profile/high profile
H.264+	Supported
H.265 Type	Main profile
H.265+	Supported
Video Bitrate	32 kbps to 16,384 kbps
Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
Audio Bitrate	64 kbps (G.711)/16 kbps (G.722.1)/16 kbps (G.726)/32 to 160 kbps (MP2L2)
SVC	Supported
Smart Features	
Basic Event Detection	Motion detection, video tampering detection, alarm input, alarm output, exception detection
Smart Detection	Audio exception, face, intrusion, line crossing, region entrance, region exiting, unattended baggage, object removal
Smart Tracking	Manual tracking, auto tracking, event tracking
ROI Encoding	Main stream, sub-stream, and third stream respectively support four fixed areas
Smart Recording	ANR (Automatic Network Replenishment), dual-VCA
Image	
Maximum Resolution	2560 x 1440
Main Stream	30 fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720), 60 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	30 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	30 fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	HLC/BLC/3D DNR/defog/EIS/regional exposure/regional focus
Network	
Network Storage	Built-in memory card slot, supports microSD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/CIPS), ANR
Alarm Linkage	Alarm actions such as preset, patrol scan, pattern scan, memory card video record, trigger recording, notify surveillance center, upload to FTP/memory card/NAS, send e-mail, etc.
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour
API	Open-ended, supports ONVIF, ISAPI, and CGI, supports HIKVISION SDK and third-party management platforms
Simultaneous Live View	Up to 20
User/Host	Up to 32 users. Three levels: administrator, operator, and user
Security Measures	User authentication (ID and PW), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client	iVMS-4200, iVMS-4500, Hik-Connect
Web Browser	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
Interface	
Audio Interface	1-ch audio input and 1-ch audio output
Alarm Interface	2-ch alarm input and 2-ch alarm onput
Network Interface	1 RJ-45 10 M/100 M Ethernet Interface; PoE+ (802.3at, class 4)
General	
Power	12 VDC and PoE+ (802.3at, class 4), maximum:18 W (IR maximum: 5 W)
Working Temperature	-22° to 149° F (-30° to 65° C); humidity: ≤90% (non-condensing)
Protection Level	IP66 standard, TVS 4,000 V lightning protection, surge protection, and voltage transient protection
Material	ADC12, PC, PC + ABS, SUS304, POM
Dimensions	Ø6.65" x 6.34"(Ø169 mm x 161 mm)
Weight	Approximately 5.40 lb (2.45 kg)

© 2018—2020 Hikvision USA Inc. • All Rights Reserved • Specifications subject to change without notice.
Hikvision USA Inc., 18639 Railroad Street, City of Industry, CA 91748, USA • Hikvision Canada, 4848 rue Levy, St-Laurent, Quebec, Canada, H4R 2P1
Tel: +1-909-895-0400 • Toll Free in USA: +1-866-200-6690 • E-Mail: sales.usa@hikvision.com • www.hikvision.com

HIKVISION
Rev. 021420NA ▼

INFRONT TECHNOLOGIES

Supplied by INFRONT TECHNOLOGIES

Phone 1300 736 970

sales@infronttech.com.au · infronttech.com.au

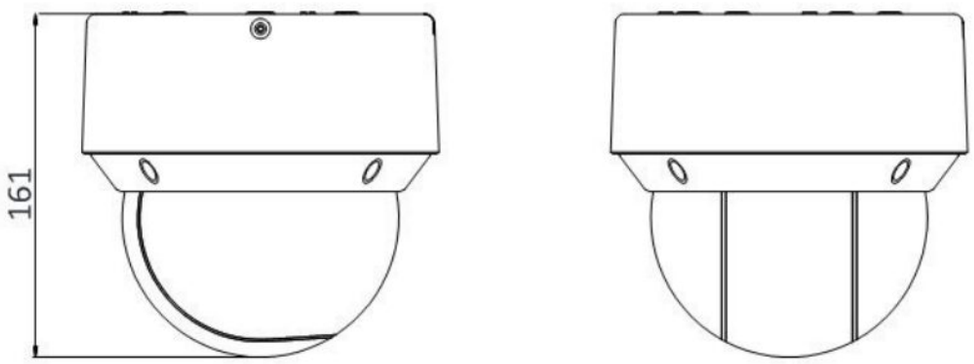
For more information call or email — Australia-wide sales, technical support and warranty service.

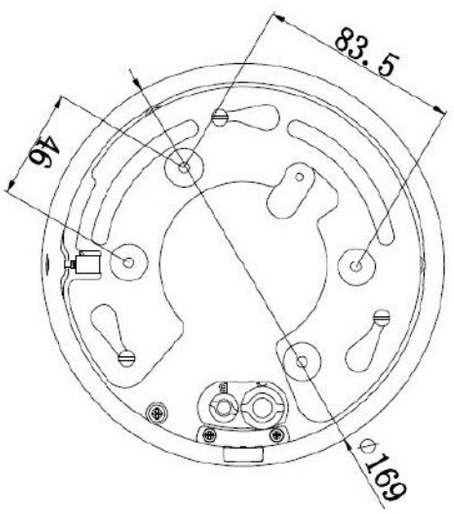
Accessories[1]

NOT INCLUDED

		Requires WML			Requires WML	Requires PC-DE4A	
							
RCM-DE4A Recessed Ceiling Mount	**CB-DE4A** Conduit Base	**PM** Pole Mount Adapter	**CM** Corner Mount Adapter	**WML** Long Wall Mount	**PC-DE4A** Pendant Cap	**CPM** Ceiling Pendant Mount	**CPME** CPM Extension Pipe

Dimensions





Unit: mm

Box Contents (Subject To Change without Notice)

Drill Template
PoE Injector
Quick Start Guide
Steel Security Cord
Wrench
Mounting Plate (Stainless Steel)
Power Cord
Screws
Watertight Cable Connector

[1] Additional accessories not shown may fit without, or in combination with, these accessories. See your sales representative for information about your needs.

© 2018—2020 Hikvision USA Inc. • All Rights Reserved • Specifications subject to change without notice.
Hikvision USA Inc., 18639 Railroad Street, City of Industry, CA 91748, USA • Hikvision Canada, 4848 rue Levy, St-Laurent, Quebec, Canada, H4R 2P1
Tel: +1-909-895-0400 • Toll Free in USA: +1-866-200-6690 • E-Mail: sales.usa@hikvision.com • www.hikvision.com

HIKVISION
Rev. 021420NA

INFRONT TECHNOLOGIES

Supplied by INFRONT TECHNOLOGIES

Phone 1300 736 970

sales@infronttech.com.au · infronttech.com.au

For more information call or email — Australia-wide sales, technical support and warranty service.