

DATASHEET

ARGO200DH-TH

Stainless steel AISI 316L PTZ camera Dual Vision D&N full HD and Thermal

- Sturdy AISI 316L stainless steel construction
- 'Top mount' system
- Dynamic range for reliable capture of details in overexposed situations.
- Max. Resolution 2 Megapixel (1920 x 1080)
- 32x 4.44 ~ 142.6mm optical zoom
- H.265, H.264, MJPEG Codec, multiple streaming
- Two versions of Thermal camera: **300** (res.384x288) or **600** (res.640x480) in combination with several lenses: 7,5mm, 13mm, 19mm, 25mm and 35mm
- **ONVIF® Profile S** certified
- IP66/IP67 weatherproof rating
- Built-in wiper



ARGO200DH-TH is a PTZ camera, made of sturdy AISI 316L stainless steel with electropolishing treatment. It is equipped with two cameras: one Full HD Day/Night camera with 32x motorized zoom and one thermal camera (a wide range of models with different resolutions and optical lenses is available).

The high performance of the 1080p/60fps full HD camera, in combination with the thermal camera, make this product particularly suitable for ports, coastal areas, onshore/offshore environments, in all weather conditions: total darkness, fog, mist, etc.

ARGO200DH-TH PTZ camera comes with some peculiar features: high speed of both horizontal and vertical movements (up to 50°/sec), maximum precision and high performance, thanks to the 30x optical zoom and the thermal camera, that is equipped with an uncooled microbolometer detector with 17µm pixel pitch. The **ONVIF Profile S** communication protocol ensures a perfect compatibility and integration with any VMS available on the market.

There is a wide range of washer tanks with integrated pump and several delivery head options available, in addition to other accessories: wall bracket, pole adaptor, corner adaptor, etc.

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TELECAMERA

Imaging Device	1/2.8" 2MP CMOS
Effective Pixels	1944(H)x1212(V)
Focal Length (Zoom Ratio)	4.44~142.6mm(32x) motorized varifocal
Max. Aperture Ratio	F1.6(Wide) ~ F4.4(Tele)
Angular Field of View	H: 61.8°(Wide)~2.19°(Tele), V: 36.2°(Wide)~1.24°(Tele)
Streaming	Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles)
Max. Framerate	H.265/H.264 : Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
Analytics	Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification
Application Programming Interface	ONVIF ® Profile S
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTP
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Wide Dynamic Range	120dB
Digital Image Stabilization	Support
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SDR
Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Preset	Up to 256 presets

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THERMAL CAMERA

Sensor	LWIR a-Si Uncooled Microbolometer 17µm
Resolution (pixels)	384x288, 640x480
Thermal sensitivity of the sensor (NETD)	<50mK @ f1.0 30Hz 300K
Spectral response	8-14 µm
Video output	RJ-45 (10/100Base-T)
Athermalized lenses	7,5mm, 13mm, 19mm, 25mm, 35mm
Camera characters	On/Off 20 characters, 5 lines
Integrated motion detection	On/Off (3 rectangular areas)
Frame rate	25/50Hz
Brightness	Manual setting: 0~100
Gain	Manual setting: 0~100
Auto NUC (non-uniformity correction)	Off/Auto/Time/ Time+Auto
Digital zoom	2x / 4x
Color variations (palette)	GREY, IRON, RAIN_V1, RAINBOW, HALF GREY, YELLOW, MIDGREY, FIRE, BLUE RED (tot.:9 colors)
Heat threshold	0~100
Image sharpening	On/Off (edge sharpness only)
Digital noise filter (DNS)	SSNR (2D), Noise filter (On/off)
Image rotation	Flip: On/Off, Mirror: On/Off
Intelligent video analytics	Motion detection
Alarm events	Motion detection
Temperature alarm events	Not available
OSD control	Pelco D Protocol, RS-485
Function	Tracker: Hot-cold, center indicator
Max. User Access	Max 10 users access (TBD)

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MECCANICA

Costruzione	Acciaio inox AISI 316L elettrolucidato
Rotazione orizz. (Pan)	360° (rotazione continua)
Rotazione vert. (Tilt)	180° (+/- 90°)
Velocità regolabile elettronicamente	Pan: 0 < 50 °/s Tilt: 0 < 50 °/s
Grado di protezione	IP66/IP67
Ingresso cavi	nr.3 M16x1,5 pressacavi metallici nr.1 M25x1,5 pressacavo metallico
Temperatura di stoccaggio / umidità	da -5°C a +60°C (da 23°F a +140°F) / 20% - 95 %
Temperatura di esercizio / umidità	da -30°C a +60°C (da -22°F a +140°F) / 20% - 80%
Consumo energetico	Max. 100W
Tensione di alimentazione	220/240Vac 50/60Hz - 0,5A 110/120Vac 50/60Hz - 1,1A 24Vac 50/60Hz -5A
Peso	29Kg.
Dimensioni	<i>Vedi disegni tecnici a pagina seguente</i>

ACCESSORI

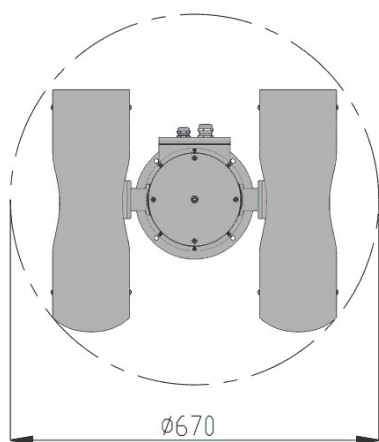
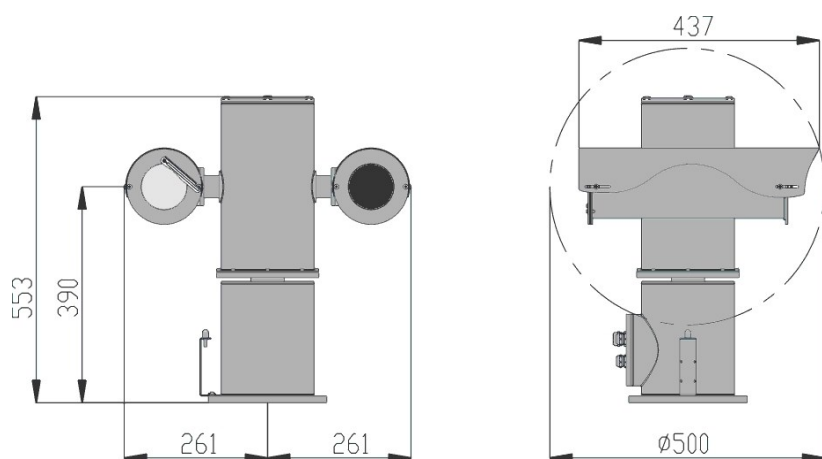
ST200	Supporto a parete
SP/CB	Collare per montaggio a palo
SA/CB	Adattatore per montaggio ad angolo

OPTIONAL

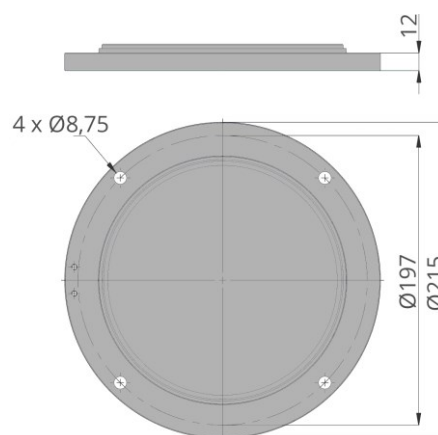
WTP5	Tanica da 5l, pompa integrata con prevalenza 5m, alimentazioni: 120-230Vac o 24Vac
WTP5	Tanica da 5l, pompa integrata con prevalenza 11m, alimentazioni: 120-230Vac o 24Vac
WTP5	Tanica da 5l, pompa integrata con prevalenza 19m, alimentazioni: 120-230Vac o 24Vac
WTP25	Tanica da 25l, pompa integrata con prevalenza 5m, alimentazioni: 120-230Vac o 24Vac
WTP25	Tanica da 25l, pompa integrata con prevalenza 11m, alimentazioni: 120-230Vac o 24Vac
WTP25	Tanica da 25l, pompa integrata con prevalenza 19m, alimentazioni: 120-230Vac o 24Vac

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DISEGNI TECNICI



SCHEMA DI FORATURA PER FISSAGGIO



Tutte le dimensioni sono espresse in millimetri