

Camera Series RDF6000DN

DOMERA®

High definition camera, 4/8 MP, H.265, day/night, WDR/HDR, PoE, Deep AI object classification, EdgeAnalytics AI Apps, motor-driven varifocal lens, motorized 3-axis adjustment (RPoD), variable DOMERA® mounting concept



red dot winner 2022

ONVIF | M S T



The cameras of the RDF6000DN series are designed for applications that require real-time, high-resolution images during the day and, depending on the model, in IR mode at night. The different models are offered with a resolution of 4 or 8 MP and an integrated lens in a vandal-resistant dome housing.

DOMERA® OS

The cameras are equipped with the hardened Linux operating system DOMERA® OS. In addition to a kernel with long-term support, it offers extensive security functions such as the deactivation of unused ports or the enforcement of strict passwords. In addition, DOMERA® OS supports secure network authentication (IEEE 802.1X) and encrypted data transmission (TLS 1.2/AES-256). All software components are subject to permanent monitoring, maintenance and updating, while the effectiveness of all measures is ensured by regular external penetration tests.

AI Analysis - Deep AI Object Classification

The camera is equipped with an intensively trained neural network that analyzes the captured images in high resolution and independent of movements in the background (green spaces, water areas, etc.) and reliably classifies defined objects (persons, vehicles, etc.) in real time. The captured data is sent with the video stream to the Dallmeier recording system for evaluation and storage and is available for further processing with the integrated EdgeAnalytics Apps.

AI Analysis - EdgeAnalytics Apps

The embedded EdgeAnalytics AI apps use the raw data of the Deep AI Object Classification to assess the captured operations according to the specific criteria of various use cases. The Line Crossing App, for example, detects the crossing of a defined line by a relevant object (person, vehicle, etc.) and generates a corresponding message with time and direction of movement. On the other hand, the various counting apps cyclically determine the number of persons or vehicles in a defined area and report when a set threshold value is exceeded. The generated event messages and values complete the raw data already contained in the video stream and can be displayed and evaluated with a Dallmeier client software.

Remote Positioning Dome

The camera is equipped with a motor-driven gimbal for precise lens alignment over the network (RPoD / PTRZ). Remote control is provided by the DOMERA® OS user interface and allows for simple installation and easy adjustment of the captured scene if requirements change. In addition, DOMERA® OS supports the adjustment of zoom, focus and iris of the P-Iris lens over the network. After installation and commissioning of the camera, no further measures are required on site.

Adaptive IR Illumination

The homogeneous illumination of the IR models is discreetly integrated under the permeable housing cover and can be manually or automatically adapted to the captured scene. Orientation and intensity of the illumination are dynamically determined by the position of the lens and the exposure control. In this way, disturbing side effects such as reflections from white walls next to the detection area can be avoided as far as possible. As a result, the camera delivers clear black and white images with excellent contrast even in seemingly complete darkness.

Wide Dynamic Range

The camera offers a WDR function (also known as High Dynamic Range (HDR)) for optimal recording of scenes with very bright and dark areas. Each image is captured with two special settings that are combined in real time to create a balanced result. The resulting video stream offers much more detail in both light and dark areas and is visually very close to the human eye's perception.

Further features

- Video compression H.264, H.265, MJPEG
- EdgeStorage and memory expansion with SD card
- Ambient light sensor and removable IR cut filter
- Automatic switching of presets for day and night
- Position sensor for automatic corridor mode integrated
- GDPR-compliant functions for data protection and security
- In-ceiling housing UL 2043 "plenum rated" compliant
- Compatible with ONVIF Profile M, Profile S and Profile T
- Network protocol MQTT supported

High definition camera, 4/8 MP, H.265, day/night, WDR/HDR, PoE, Deep AI object classification, EdgeAnalytics AI Apps, motor-driven varifocal lens, motorized 3-axis adjustment (RPoD), variable DOMERA® mounting concept

Included EdgeAnalytics AI Essential Apps



The **AI Motion Detection App** analyzes the entire image content and reliably detects all movements triggered by persons or vehicles. The motion events are sent to the recording system with the video stream. Afterwards, they are available with metadata such as object type, time and position for targeted evaluation with Dallmeier client software.



The **AI Tamper Detection App** is classically used for detecting and reporting attempted tampering with the camera. The app detects a general change in the captured scene, such as typically occurs when the camera is manually rotated or tilted, and immediately issues a corresponding message.



The **AI Loitering Detection App** analyzes the movement of persons detected by the neural networks and evaluates their dwell time in a defined sensitive zone. If the set limit value of the dwell time is exceeded, a corresponding message can be displayed to the operator. At the same time, undesired attendants can be requested to leave the area by outputting a stored audio sequence.



The **AI Intrusion Detection App** allows the definition of protected zones and issues a message as soon as an object intrudes into them. The object type relevant for the message can be defined as, for example, person or vehicle. For targeted operator attention, a pre-zone can be defined for each protected zone, which can be used to escalate the messages.



The **AI Line Crossing App** issues a message as soon as a person or vehicle crosses a virtual line drawn in the image. Uninteresting crossings of the virtual lines, for example by animals, can be effectively excluded. An operator is thus less distracted and can concentrate much better on relevant observations.



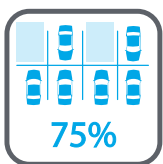
The **AI People Count App**¹⁾ analyzes the entire image content in a defined cycle and determines the number of people present in defined areas. Irrelevant objects are effectively filtered out by object classification based on a neural network to achieve the most accurate count result possible.



The **AI Vehicle Count App**¹⁾ allows the subdivision of large scenes into different zones and cyclically determines the number of objects. Based on an accurate object classification using a neural network, the number of vehicles present is output immediately.



The **AI Queueing App**¹⁾ is applied to display the fill level in defined zones. During configuration, the relevant zone and a limit for the number of people present is defined. After a cyclic analysis, the utilization is displayed and a message is issued if the limit is exceeded. This allows the initiation of targeted measures to avoid overcrowding situations or queues.



The **AI Parking App**¹⁾ was developed in particular for the effective evaluation of parking situations. It detects, verifies and counts vehicles in the defined parking zones and cyclically outputs the occupancy rate based on a defined limit. This allows an operator to get a quick overview of the parking lot occupancy at any time.

¹⁾ In preparation

Camera Series RDF6000DN

DOMERA®

High definition camera, 4/8 MP, H.265, day/night, WDR/HDR, PoE, Deep AI object classification, EdgeAnalytics AI Apps, motor-driven varifocal lens, motorized 3-axis adjustment (RPoD), variable DOMERA® mounting concept

| Series 6400 | |
|--|---|
|  | 008297.401 RDF6400DN High definition camera, 4 MP, H.265, day/night, Deep AI/VCA, WDR/HDR, PoE, DOMERA® RPoD in-ceiling housing, design cover black IR translucent ²⁾ , motor-driven varifocal lens F1.3 / 4,5 – 9,7 mm |
|  | 008297.402 RDF6400DN High definition camera, 4 MP, H.265, day/night, Deep AI/VCA, WDR/HDR, PoE, DOMERA® RPoD in-ceiling housing, design cover black IR translucent ²⁾ , motor-driven varifocal lens F1.8 / 12 – 40 mm |
| Series 6800 | |
|  | 008298.401 RDF6800DN Ultra high definition camera, 8 MP, H.265, day/night, Deep AI/VCA, WDR/HDR, PoE, DOMERA® RPoD in-ceiling housing, design cover black IR translucent ²⁾ , motor-driven varifocal lens F1.3 / 4,5 – 9,7 mm |
|  | 008298.402 RDF6800DN Ultra high definition camera, 8 MP, H.265, day/night, Deep AI/VCA, WDR/HDR, PoE, DOMERA® RPoD in-ceiling housing, design cover black IR translucent ²⁾ , motor-driven varifocal lens F1.8 / 12 – 40 mm |
| Illumination (series RDF6000DN and RDF5000DN, SDF6800DN) | |
|  | 008406 DOMERA® Dual Matrix LED Ring Illumination for DOMERA® in-ceiling housing, five IR LEDs and five white light LEDs, event-controlled switching between IR and white light illumination, individual control of the intensity of individual LEDs or automatic adjustment to the captured scene, recommended for models with 4.5 - 9.7 mm or fisheye lens (only ex factory) |
| Housing cover | |
|  | 008408 DOMERA® Housing Cover Aluminium LED Black Aluminium housing cover for DOMERA® in-ceiling housing, can be combined with DOMERA® Surface Mount Adapter and DOMERA® Wall Bracket, black, with cut-outs for IR and white light LEDs ³⁾ |
|  | 008529 DOMERA® Housing Cover Aluminium Black Aluminium housing cover for DOMERA® in-ceiling housing, can be combined with DOMERA® Surface Mount Adapter and DOMERA® Wall Bracket, black, cannot be combined with cameras with DOMERA® Dual Matrix LED Ring |
|  | 008410 DOMERA® Housing Cover Aluminium White Aluminium housing cover for DOMERA® in-ceiling housing, can be combined with DOMERA® Surface Mount Adapter and DOMERA® Wall Bracket, white, cannot be combined with cameras with DOMERA® Dual Matrix LED Ring |
| Adapter | |
|  | 008407 DOMERA® Surface Mount Adapter Adapter for surface mounting a DOMERA® in-ceiling housing, safety rope included, polycarbonate, white |
|  | 008209 DOMERA® Wall Bracket Multifunctional bracket for mounting a DOMERA® in-ceiling housing on a wall or pole, compatible with the Mountera® Vandalproof Pole Adapter and the Mountera® Box, safety rope included, aluminum, white |
|  | 008508 DOMERA® Wall Bracket with Speaker Multifunctional bracket for mounting a DOMERA® in-ceiling housing on a wall or pole, compatible with the Mountera® Vandalproof Pole Adapter and the Mountera® Box, DOMERA® Speaker with connection cable and NF amplifier 1.4W included, recommended for use as intercom system, safety rope included, aluminum, white |

2) Installation without tool, IR transmission 70%, white light transmission 10%, reflection-free at tilt from 25° to 90°
 3) Installation with tool, IR transmission 100%, white light transmission 100%, reflection-free at tilt from 0° to 90°

Camera Series RDF6000DN

DOMERA®

High definition camera, 4/8 MP, H.265, day/night, WDR/HDR, PoE, Deep AI object classification, EdgeAnalytics AI Apps, motor-driven varifocal lens, motorized 3-axis adjustment (RPoD), variable DOMERA® mounting concept

Extensions



008421

DOMERA® Breakout Cable

Breakout cable with 1× Audio Line IN, 1× Audio Line OUT, 2× Contact IN, 2× Contact OUT, 1× power supply



008423

DOMERA® Passive Heating Kit

Fan based heating by using the waste heat of the electronic components (approx. 6 W) to prevent fogging on the inside of the dome, manual remote control via DOMERA® OS user interface⁴⁾ (ex factory only)

Power supply



004316

PoE Midspan 30 W

Midspan power supply unit, 1× Ethernet port, 10/100/1000Base-T, 802.3at, 802.3af, 30 W

Included licenses and Warranty

DLC - Camera Support Level Premium

License for the use of the support services of the Support Level Premium for 60 months,

DLC - Camera Software Update

License for the update of Domera® OS with bug fixes, feature updates, feature upgrades and security updates⁵⁾ for 60 months

License for the update of the neural network for object classification for 60 months

DLC - EdgeAnalytics AI Essential Apps

Unlimited license for the use of EdgeAnalytics AI Essential Apps (AI Motion Detection, AI Tamper Detection, AI Loitering Detection, AI Intrusion Detection, AI Line Crossing) based on the neural network for object classification (person, animal⁶⁾, car, large vehicle, two-wheeler)

DLC - VCA Functions

Unlimited license for the use of the VCA function (VCA Motion Detection, VCA Tamper Detection, VCA Intrusion Detection, VCA Line Crossing) based on motion detection

Camera Hardware Warranty

Extended bring-in warranty of 60 months in total

Optional License

008419

DLC - Audio IN/OUT and Intercom

License for the use of the Audio Line IN/OUT interface, audio compression G.711 or AAC, recommended for use as intercom system (additional hardware required)

4) When the fan is active, the audio signal of the microphone may be superimposed.

5) Security updates for relevant CVE vulnerabilities that become known will be provided (subject to technical feasibility) for the entire runtime of the software maintenance.

6) If the lens is oriented vertically downwards, the object class "animal" is not available because the neural network is not yet trained for animal recognition from above.

Camera Series RDF6000DN



High definition camera, 4/8 MP, H.265, day/night, WDR/HDR, PoE, Deep AI object classification, EdgeAnalytics AI Apps, motor-driven varifocal lens, motorized 3-axis adjustment (RPOD), variable DOMERA® mounting concept

| Sensor | RDF6400DN | RDF6800DN |
|-------------------------|---|---|
| Type | 1/2" CMOS | 1/1.7" CMOS |
| Number of sensor pixels | 4MP | 8MP |
| Light sensitivity | Models with IR illumination: 0 lux (IR LED ON) Models without IR illumination: < 0.0005 lux (F1.6, AGC ON) | Models with IR illumination: 0 lux (IR LED ON) Models without IR illumination: < 0.05 lux (F1.4, AGC ON) |
| High Dynamic Range | 120 dB WDR | 120 dB WDR |
| Signal to noise ration | > 50 dB | > 50 dB |

| Lenses | F1.3 / 4.5 - 9.7 mm | F1.8 / 12 - 40 mm |
|-------------------------|-----------------------------|-----------------------------|
| Type | Motor-driven varifocal lens | Motor-driven varifocal lens |
| Format / Mount | 1/1.8" Board Lens | 1/1.8" Board Lens |
| Focal length | 4.5 - 9.7 mm | 12 - 40 mm |
| Iris range | F1.3 - Closed | F1.8 - Closed |
| Iris control | P-Iris (motor-driven) | P-Iris (motor-driven) |
| Zoom / Focus control | Motor-driven | Motor-driven |
| Minimum object distance | 0.5 m | 1.5 m |
| IR corrected | Yes | Yes |

| Available angle of view RDF6400DN | F1.3 / 4.5 - 9.7 mm | F1.8 / 12 - 40 mm |
|-----------------------------------|---------------------|-------------------|
| Wide end (H × V) ⁷⁾ | 111.2° × 56.4° | 36.1° × 19.9° |
| Tele end (H × V) ⁷⁾ | 47.5° × 26.2° | 12.4° × 7.0° |

| Available angle of view RDF6800DN | F1.3 / 4.5 - 9.7 mm | F1.8 / 12 - 40 mm |
|-----------------------------------|---------------------|-------------------|
| Wide end (H × V) ⁷⁾ | 110.0° × 55.4° | 35.2° × 19.3° |
| Tele end (H × V) ⁷⁾ | 47.0° × 26.2° | 12.1° × 6.8° |

| Format and Encoding | RDF6400DN | RDF6800DN |
|------------------------------------|--|---|
| Video standard | SDTV (PAL/NTSC) HDTV (SMPTE 296M, SMPTE 274M) | SDTV (PAL/NTSC) HDTV (SMPTE 296M, SMPTE 274M) |
| Resolution 16:9 | 4 MP (2688 × 1520) @ 50/60 fps 1080p (1920 × 1080) @ 50/60 fps 720p (1280 × 720) @ 50/60 fps 640 × 480, 640 × 368, 480 × 272, 320 × 240 @ 50/60 fps | 8.3 MP (3840 × 2160, 2160p) @ 25/30 fps (Ultra High Definition) 5.3 MP (3072 × 1728) @ 25/30 fps 1080p (1920 × 1080) @ 25/30 fps 720p (1280 × 720) @ 25/30 fps 480 × 272, 320 × 240 @ 25/30 fps |
| Video compression | H.264, H.265, MJPEG | H.264, H.265, MJPEG |
| Frame rate | Up to 60 fps | Up to 30 fps |
| Video bit rate | 1 - 12 Mbps, constant or variable bit rate with priority setting for image quality ⁸⁾ | 1 - 50 Mbps, constant or variable bit rate with priority setting for image quality ⁸⁾ |
| Video streaming | Up to 3 streams with different settings simultaneously | Up to 3 streams with different settings simultaneously |
| Audio compression ⁹⁾ | G.711 (A-LAW, µ-LAW), AAC | G.711 (A-LAW, µ-LAW), AAC |
| Audio bit rate ⁹⁾ | 64 kbps (G.711), 48 - 96 kbps (AAC) | 64 kbps (G.711), 48 - 96 kbps (AAC) |
| Live streaming transmission method | Unicast, Multicast | Unicast, Multicast |
| Number of live streams / clients | Up to 5 streams with up to 12 Mbps simultaneously | Up to 5 streams with up to 16 Mbps simultaneously |

7) All specifications ±5%. Minor distortions (barrel-shaped) may occur at wide-angle settings greater than 90° due to the construction and do not constitute a defect.

8) Limited to 20 Mbps with EdgeAnalytics active. If the total available bit rate is not sufficient, not the image quality but the number of frames is adjusted.

9) Optional license for the use of the Audio Line IN and OUT interface required (DLC - Audio Line IN/OUT).

Camera Series RDF6000DN

DOMERA®

High definition camera, 4/8 MP, H.265, day/night, WDR/HDR, PoE, Deep AI object classification, EdgeAnalytics AI Apps, motor-driven varifocal lens, motorized 3-axis adjustment (RPOD), variable DOMERA® mounting concept

| Functions | |
|---------------------------------|--|
| Day/Night switching | Ambient light sensing and removable IR cut filter (ICR), switching threshold level adjustable |
| Black-and-white mode | Automatic (at low light or in night mode), On, Off |
| Automatic Electronic Shutter | 1/1 – 1/8000 s |
| Slow Shutter Limit | 1/1 – 1/1000 s |
| Lens control | Zoom control (Tele – Wide), Focus control (Far – Near, One-Push AF), Iris control (P-Iris) via web browser |
| Digital flip function | Horizontal, vertical or both axes |
| Digital Noise Reduction | 3D-DNR (adjustable by 10 levels) |
| Digital image optimization | Wide Dynamic Range (WDR), also known as High Dynamic Range (HDR) ¹⁰⁾ |
| Exposure presets | Universal, Indoor, Fluorescent, Casino, Low-Light, User-Defined (with automatic day/night switching) |
| Exposure compensation | -2 EV (Exposure Value) to + 2 EV (adjustable by 200 levels) |
| Exposure metering | Average metering (light information from entire scene), center-weighted average metering, spot metering |
| Brightness adjustment | Automatic (ALC), Manual |
| Gain control | Automatic (AGC) with adjustable Gain Limit |
| White balance | Auto: ATW (Auto Tracking White Balance), One-Push AWB (Automatic White Balance) Fixed: 2800K, 4000K, 5000K, 6500K and 7500K |
| Privacy Zone Masking | Hiding/masking of up to 16 protected areas (up to 100% of the entire image) |
| Alarm notification | Via DaVid protocol to PGuard advance, via E-Mail and FTP image upload in preparation |
| Alarm trigger | Application restart, EdgeStorage status, contact input, certificate expiration, service interval |
| Video Content Analysis (VCA) | VCA Motion Detection, VCA Tamper Detection, VCA Intrusion Detection, VCA Line Crossing |
| EdgeAnalytics AI Essential Apps | AI Motion Detection, AI Tamper Detection, AI Loitering Detection, AI Intrusion Detection, AI Line Crossing |
| EdgeAnalytics object classes | Person, animal ¹³⁾ , car, large vehicle, two-wheeler |
| EdgeAnalytics actions | Notification via DaVid/PGuard, switching of relays and LEDs, audio output, message via MQTT/HTTP |

| Protocols | |
|-----------------------------------|---|
| Ethernet protocols | IPv4 (ARP, ICMP, IGMPv2/IGMPv3), UDP, TCP, LLDP, CDP (v1,v2), DSCP (QoS), DNS, DHCP, NTP, HTTP/HTTPS, RTSP/RTP/RTCP, SNMP (v1, v2c, v3), MQTT |
| Ethernet protocols in preparation | IPv6 (NDP, ICMPv6, MLDv1/MLDv2, SLAAC, RDNSS), UDPv6, TCPv6, DNSv6, DHCPv6, LDAP |
| Communication protocols | DaVid, DaVidS, ONVIF Profile M, ONVIF Profile S, ONVIF Profile T, SNMP (v1, v2c, v3) |
| Security | HTTPS encryption, SSL/TLS 1.2 (AES), network access control according to IEEE 802.1X |

| Connections | |
|--------------------------------------|---|
| Ethernet | 1x RJ45, 10BASE-T/100BASE-TX PoE |
| Audio line IN ^{11) 12)} | 1x 3.5 mm phone jack for stereo plug Input level: max. 2.83 V _{p-p} Input impedance: 29 kΩ |
| Audio line OUT ^{11) 12)} | 1x 3.5 mm phone jack for stereo plug Output level at 10 kΩ load: max. 3.11 V _{p-p} Output impedance: 320 Ω |
| Contact I/O interface ¹¹⁾ | 2x Contact IN / 2x Contact OUT |
| Power IN ¹¹⁾ | 1x Connection terminal 2 poles |

| LED Illumination (optional) | |
|-------------------------------|--|
| Type | Five semi-covert 850 nm IR LEDs Five white light LEDs |
| Intensity | Individually adjustable per LED |
| IR Range | Up to approx. 30 m |
| IR Beam angle | Up to approx. 90° per LED, adaptively controlled according to focal length |
| Day/Night switching threshold | Adjustable |

10) In combination with the WDR/HDR function, frame rates of up to 30 fps can be used.

11) Available only in connection with the optional DOMERA® Breakout Cable.

12) Optional license DLC - Audio IN/OUT and Intercom required.

13) If the lens is oriented vertically downwards, the object class "animal" is not available because the neural network is not yet trained for animal recognition from above.

Camera Series RDF6000DN



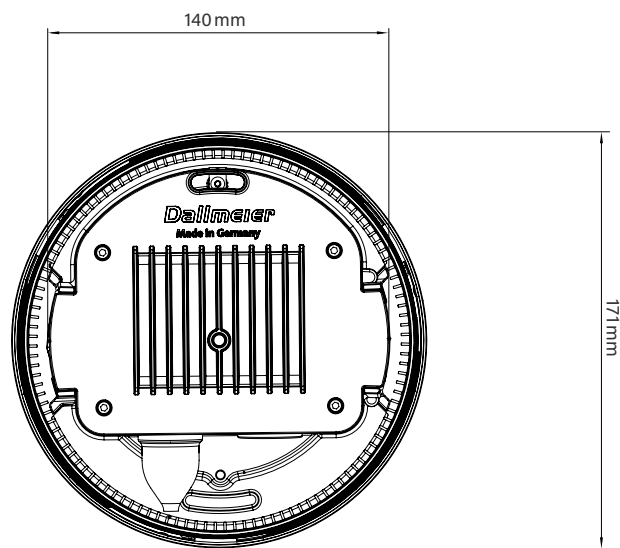
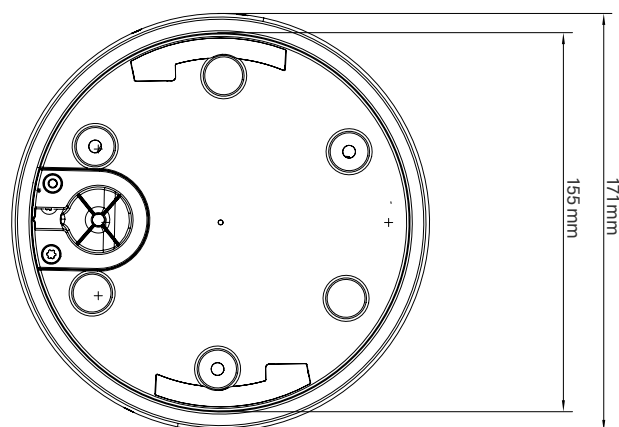
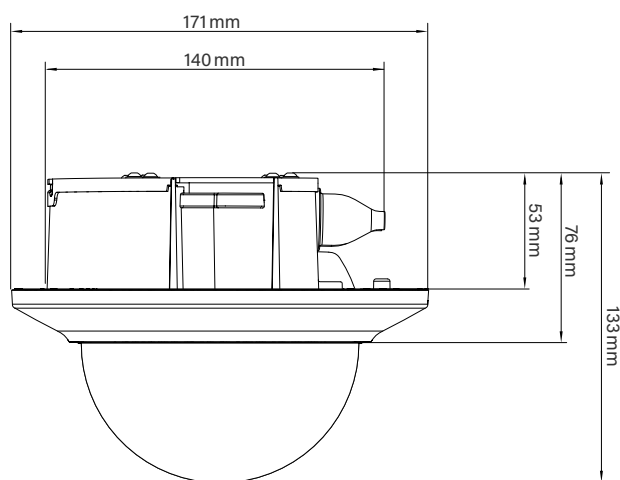
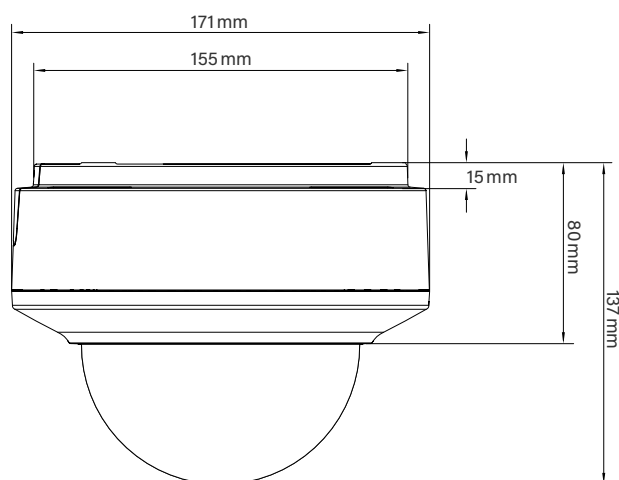
High definition camera, 4/8 MP, H.265, day/night, WDR/HDR, PoE, Deep AI object classification, EdgeAnalytics AI Apps, motor-driven varifocal lens, motorized 3-axis adjustment (RPoD), variable DOMERA® mounting concept

| Electrical Data | |
|------------------------------|---|
| Voltage supply | PoE (Class 0) 24 V DC - 48 V DC $\pm 5\%$ (with DOMERA® Breakout Cable) |
| PoE standard | IEEE 802.3af |
| Power consumption | Max. 12 W |
| Mechanical Data | |
| Dimensions | Approx. $\varnothing 171 \times H 133$ mm (H 137 with surface mount adapter) $\varnothing 6.7 \times H 5.2$ inches (H 5.4 with surface mount adapter) |
| Weight | Approx. 1.2 kg (1.4 kg with surface mount adapter) 2.6 lb (3.0 lb with surface mount adapter) |
| Adjustment | 3-axes (remote positioning over network) |
| Bubble | Clear |
| Vandal-resistant | Yes |
| IK protection | IK10 |
| IP rating | IP55 (in-ceiling mount or in connection with DOMERA® Surface Mount Adapter) IP66 (in connection with DOMERA® Wall Bracket) |
| Color | In-ceiling housing black Housing cover black |
| Environmental Conditions | |
| Operating temperature | -40°C to $+50^{\circ}\text{C}$ (-40°F to $+122^{\circ}\text{F}$) (peak up to $+65^{\circ}\text{C}$ ($+149^{\circ}\text{F}$), not permanent) |
| Start-up temperature | -25°C to $+50^{\circ}\text{C}$ (-13°F to $+122^{\circ}\text{F}$) |
| Relative humidity | 0% – 90% RH, non-condensing |
| Compatibility | |
| Recording | SMAVIA Recording Server V8.x.x SMAVIA Recording Server V9.x.x SeMSy® Recording Server V10.x.x |
| Evaluation | SMAVIA Viewing Client SeMSy® Workstation Software SeMSy® Compact |
| Miscellaneous | |
| Ambient light sensor | Integrated |
| Position sensor | Integrated |
| Microphone | Integrated in DOMERA® Dual Matrix LED Ring |
| Local memory | 50 MB RAM memory |
| Memory extension | microSDXC 32/64 GB, Class 10, UHS-I (optional) |
| Configuration and live video | Via web browser (all major platforms) |
| Languages | German, English |
| Programming interface | Open platform for integration into 3rd party systems using API |
| ONVIF compliance | Profile M, Profile S, Profile T |
| GDPR compliance | Supported |
| Approvals/Certifications | |
| Type | CE, FCC, RCM, EAC, UL, IEC/EN 62471 and UL2043 compliant |

Camera Series RDF6000DN

DOMERA®

High definition camera, 4/8 MP, H.265, day/night, WDR/HDR, PoE, Deep AI object classification, EdgeAnalytics AI Apps, motor-driven varifocal lens, motorized 3-axis adjustment (RPoD), variable DOMERA® mounting concept



Dallmeier electronic GmbH & Co.KG | Bahnhofstr. 16, 93047 Regensburg, Germany | +49 941 8700-0 | dallmeier.com

All trademarks identified by * are registered trademarks of Dallmeier electronic GmbH & Co.KG.

Third-party trademarks are named for information purposes only. Dallmeier electronic respects the intellectual property of third parties and always attempts to ensure the complete identification of third-party trademarks and indication of the respective holder of rights. In case that protected rights are not indicated separately, this circumstance is no reason to assume that the respective trademark is unprotected.

Specifications subject to change without notice. Errors and misprints excepted. Pictures may differ from the actual product.

