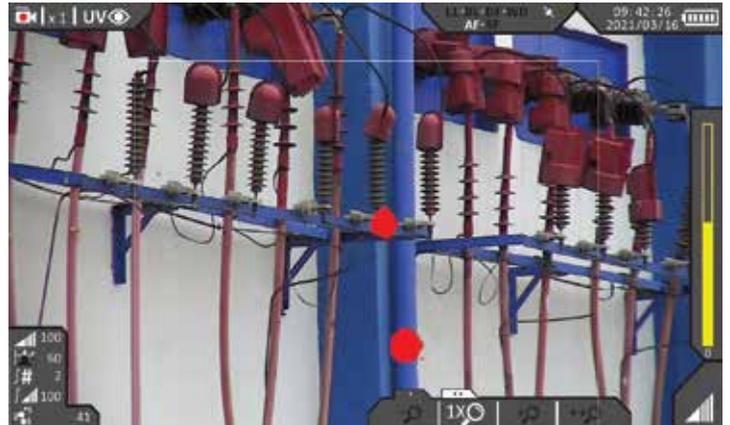


# CoroCAM® Product Catalog





# CoroCAM® 6HD

High Performance Daylight Corona  
Imaging Camera

The CoroCAM® 6HD is an easy to operate, robust system which delivers high sensitivity and resolution in a lightweight package. Ergonomic design, a large LCD display and the use of commercially available batteries and a neckstrap allows the camera operator to work all day under all applicable conditions.

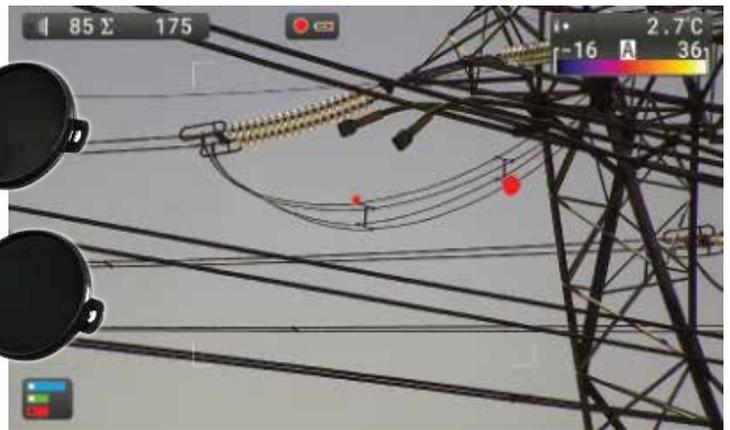


# CoroCAM® 7HD

Professional Solar Blind Corona Camera

The CoroCAM® 7HD makes location of corona discharges fast and effective. Highly zoomed HD imagery allows for the visualisation of the finest details. Easy to use features brings powerful performance. Optimise the camera sensitivity using the adjustable Long Integration, Noise Reduction, UV Threshold Level and Non-Solar Blind Mode (when applicable). Optimise the UV blob display using the UV Blob False Color, Blob Transparency and the adjustable Background Priority. The adjustable viewfinder, LCD display and rotatable grip makes for optimal ergonomics and allows the operator to use the camera in all light conditions from multiple stances, minimising muscle fatigue.

A built-in flashlight and Motorised Non-Solar Blind module makes this the perfect choice for indoor inspections.

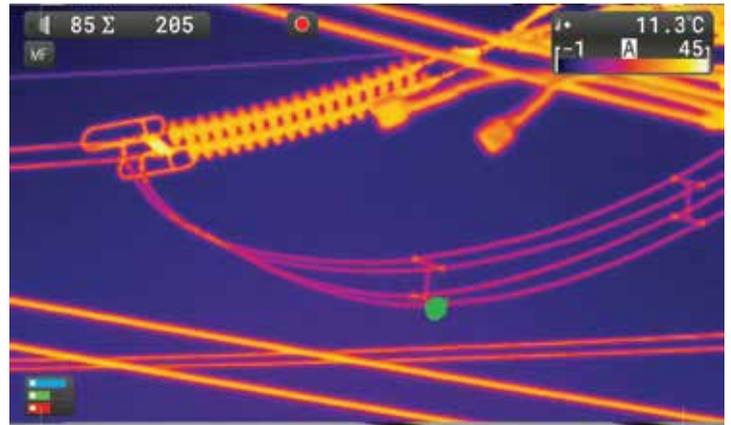


# CoroCAM® 8HD

Combined LWIR and Corona Camera

The CoroCAM® 8HD combines a FLIR® radiometric thermal camera with the CoroCAM® Solar Blind UV camera system, allowing simultaneous detection and location of corona discharges and hot spots, saving time and effort. Co-location of electrical discharges and hot spots give the inspector more insight into the cause of fault conditions.

Advanced UVc image enhancement features are available to increase sensitivity (adjustable Long Integration & Non-Solar Blind Mode), reduce false signals (adjustable Noise Reduction & Threshold Level) and improve the visibility of the discharge indicating blob (adjustable Background Priority, Blob Transparency and Blob False Colour). The rotating ergonomic grip, viewfinder and LCD display allows the operator to use the camera in all light conditions from multiple stances, minimising muscle fatigue.



## CoroCAM® 8HD UAV

Combined LWIR, Solar Blind UV Corona and  
HD Visible Camera for UV Applications

The CoroCAM® 8HD UAV combines a FLIR LWIR, Solar Blind corona and HD video camera into one system, sized and balanced to fit into a standard commercial UAV gimbal for mounting onto UAV's. The false coloured UV blobs fused onto the HD visible or radiometric LWIR image indicate the presence of corona discharges. The HD visible cameras high optical zoom and the safe close approach of the UAV to the hardware under inspection, allows the system to capture more detailed images of the physical condition of the hardware from all angles, allowing inspectors to better assign a maintenance priority. The camera can also be dismantled for man-portable inspections.



# CoroCAM<sup>®</sup> UVS1

Specialist UAV Corona Camera

The CoroCAM<sup>®</sup> UVS1 is a designed for UAV combination of the successful CoroCAM Solar Blind corona sensor and a HD visible camera in a lightweight package able to fit into smaller gimbals. The resulting system gives excellent UV sensitivity, a wide FOV for close up inspection and good resolving power.

Setup via bluetooth, with video and still recordings onto an onboard  $\mu$ SD card, downlink the HDMI or composite output and input remote control commands via CANBUS / PWM / RS232 / Ethernet.



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