



Strong partnership for a  
premium class solution

**FUJIFILM**

**funkwerk** 

# FUNKWERK & FUJIFILM

Closer to the scene than you would imagine

Fujifilm and Funkwerk, two experts in the field of challenging video surveillance have joined for a full integration of their premium products – the SX800 and the Platon NEO – for a high end surveillance solution.

There are two major aspects when looking at the surveillance of wide spread areas: highest image quality for close and distant scenes under almost any conditions and smooth and precise control to direct and keep the camera pointed on static or moving objects.

The SX800 from Fujifilm delivers just this image quality needed. Due to the light sensitive 1/1.8" sensor, the impressive focal length of 20mm-800mm and most advanced image processing technology the SX800 is ideally suited for long-range surveillance. Combined with the Platon NEO from Funkwerk it is perfectly enclosed inside a robust and sturdy stainless steel p/t-unit allowing for intuitive and precise control thanks to its stunning range of speed, going from as low as 0,001°/s up to a maximum of 200°/s. Not to forget the accuracy in preset positioning with position resolution better than  $\pm 0,005^\circ$ . All this leads to the smoothest and most precise control when following objects that are moving very fast or very slow.

This solution will give pure satisfaction to any user who has to deal with long-range surveillance tasks in applications like border control, seaports, wide spread industrial plants or airports, just to name a few.



Border Control



Industry



Aiports



Seaports



Pipelines



Energy



Coastline



Nature & Wildlife



## Powerful product cooperation

Exemplary system overview



Funkwerk CT40 IP Joystick



Funkwerk VMS

Network  
ONVIF Profile S  
Pelco-D  
Funkwerk



Funkwerk PLATON NEO



& Fujifilm SX800

PLATON NEO







## PLATON NEO

IP-pan/tilt head made of stainless steel



The PLATON NEO is the ideal pan/tilt head for surveillance of large areas in extreme weather conditions due to its high precision engineering and large selection of accessories like differently sized enclosures or screen wipers.

The innovative IP-pan/tilt head offers enough installation room inside its double-walled stainless steel enclosure, even for the largest camera/lens combination.

### Highlights:

- Fully rotatable IP-pan/tilt head for optimal integration in video management and fine-tuned detection systems
- Internal architecture allows a large selection of compatible cameras (analogue, IP, HD-SDI) and large focal length lenses
- Suited for up to two camera housings or spotlights (subsequent expansion possible)
- Available protocols: ONVIF Profile S, Pelco D, Funkwerk
- Ideally suited for operation in extreme weather conditions due to double-walled stainless steel housing
- Optimal camera control thanks to zoom-dependent pan/tilt rotation speeds
- Innovative screen wiper design for clear and scratchless views and reduced maintenance costs
- Universal mounting options (suspended or standing)

<b>Speed [°/s]</b>	
Pan:	0,001 – 200
Tilt:	0,001 – 100
<b>Positioning</b>	
Position resolution SW regulated:	Pan ± 0,00433°, Tilt ± 0,00234°
Fixed positions:	256 (pan-, tilt-, zoom- und focus positions)
<b>Tours</b>	
Number:	4 separate tours (trajectories P/T/Z/F) without time limit
<b>General Data</b>	
Protection category:	IP 66
Temperature range:	-30 up to +55 °C



# FUJIFILM SX800

High-end camera & top performance lens



For SX800, Fujifilm has brought together its optical technology, developed over many years for the well-known Fujinon lenses, and unique camera and image processing technology successfully established in Fujifilm digital cameras. The result is an integrated surveillance camera system with a Full HD camera and a 40x zoom lens that offers the best of camera and lens technology in one housing. The Fujifilm SX800 is ideally suited for remote monitoring due to its powerful 1/1.8" image sensor, the large focal length range of 20mm-800mm and the integrated image processing technology. The system delivers consistently clear images even of objects several kilometres away in difficult light and weather conditions. The SX800 in combination with a pan/tilt head results in the greatest possible benefit and maximum safety for the user.

### Highlights:

- Zoom ratio: 40x optical zoom, plus 1.25x digital zoom
- Long focal length range: 20mm - 800mm
- High sensitive sensor and advanced noise reduction in low light conditions
- New image stabilization system combines optical and electronical stabilization technologies
- High-speed autofocus focusses in less than one second
- De-fog function and heat haze removal technology ensure best image quality in any weather
- Robust construction and new design with advanced rigidity

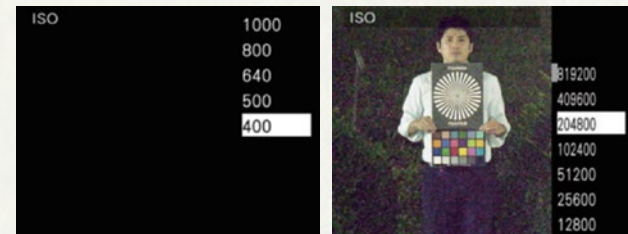
### Fog reduction



Fog reduction OFF

Fog reduction ON

### Low light conditions



ISO 400

ISO 204800



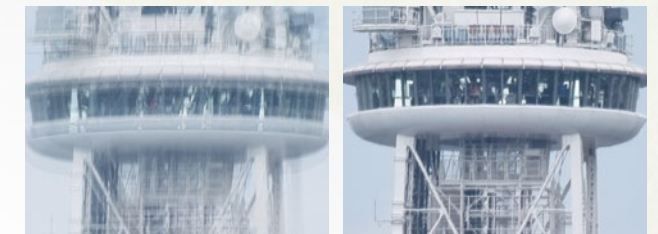
### 40x optical zoom



20mm

800mm

### New image stabilization system



Without image stabilization

With image stabilization





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PLATON NEO

Subject to change without notice / NeoFuji / GB / 11/19 / V 1.0

**FUJIFILM**

**FUJIFILM Optical Devices Europe GmbH**

Fujistraße 1 | D-47533 Kleve

Phone: +49 (0) 2821/7115 400

cctv\_eu@fujifilm.com | www.fujifilm.eu/sx800

**funkwerk**

**Funkwerk video systeme GmbH**

Thomas-Mann-Str. 50 | D-90471 Nürnberg

Phone: +49 (0) 911/75884-0

info@funkwerk-vs.com | www.funkwerk.com