



# NOAM: DUAL SENSOR DAY/NIGHT CAMERA

## Technical Datasheet

### OVERVIEW

**NOAM** is an innovative mini day/night PAN/TILT system with an optional fire detection function. The system incorporates a day sensor camera with a high resolution uncooled thermal sensor.

An embedded fire detection algorithm facilitates detection of flames within the radius of kilometers (depending on lens specifications). In addition, the camera can be connected to a video analytical encoder for event detection and classification.

**NOAM** integrates a variety of thermal fixed lens in the range from 8.5 mm to 60 mm.

### MAIN FEATURES



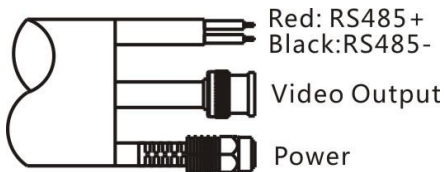
**THERMAL SENSOR OPGAL UNCOOLED**  
**DAY SENSOR SONY FCBEX1020 DAY X36 ZOOM**  
**360 DEGREES PAN, 90 DEGREES TILT**  
**UP TO 256 PRESETS**  
**ANALOG VIDEO OUTPUTS**  
**THERMAL, DAY & SWITCHED**  
**OPERATING TEMP.**  
 -45°C~60°C  
**PRESET PRECISION**  
 0.05°  
**DIMENSIONS**  
 Φ 190(MM)×300(MM) WITH DAMPER  
 Φ190(MM)×275(MM) W/O DAMPER  
**WEIGHT**  
 6KGS W/O DAMPER  
 7KGS WITH DAMPER  
**POWER**  
 12VDC @ 35W



## TECHNICAL SPECIFICATIONS

**GENERAL** IP 67  
**VIDEO OUTPUT** THERMAL IMAGING VIDEO CHANNEL  
DAY ZOOM MODULE VIDEO CHANNEL  
SWITCH VIDEO CHANNEL

**MECHANICAL**  
**PAN RANGE** 360° CONTINUOUS  
**PAN SPEED** 0.04° -100°/S  
**PRESET SPEED** 100°/S  
**TILT RANGE** (-15°) ~ +90° AUTO FLIP  
**VIDEO SYSTEM** PAL / NTSC  
**TILT SPEED** 0.3° ~60°/S, ADJUSTABLE  
**PRESET SPEED** 60°/S  
**PRESETS** 256  
**PRESET PRECISION** ±0.05  
**PTZ STABILITY**  
**ANTI VIBRATION** PAN 9G / TILT 15G  
**WIND RESISTANCE** 180KM/H  
**ELECTRICAL**



**Power**  
**12VDC @ 35W**  
**35W/50W (Heater On)**

## RELATED PRODUCTS

**IP Video encoder VAENC1000**



## DAY IMAGING SENSOR SONY 1020



**IMAGE DEVICE** 1/4 TYPE EXVIEW HAD™ CCD (PROGRESSIVE SCAN)  
**EFFECTIVE PIXELS** 400,000, 540 TVL  
**DIGITAL ZOOM** 12X (432X WITH OPTICAL ZOOM)  
**HORIZONTAL FOV** 57.8° (WIDE) TO 1.7° (TELE)  
**ELECT SHUTTER** 1/1 TO 1/10,000 S, 22 STEPS  
**WHITE BALANCE** AUTO, ATW, INDOOR, OUTDOOR  
**GAIN** ONE-PUSH, MANUAL AUTO/MANUAL (-3 TO 28 DB, 2DB STEPS)  
**WIDE DYN RANGE** AUTO MODE IS/PS MODE  
**BACKLIGHT** ON/OFF  
**COMPENSATION**  
**FOCUS SYSTEM** AUTO (SENSITIVITY: NORMAL, LOW)  
**ONE-PUSH AF** MANUAL, INFINITY,  
**INTERVAL AF,** ZOOM TRIGGER AF  
**OPTICAL ZOOM** 36X OPTICAL ZOOM  
**S/N RATIO** MORE THAN 50 DB  
**MIN ILLUMINATION** 1.4 LX (TYPICAL) (F1.6, 50 IRE)  
**FLICKER CANCEL**

## ACCESSORIES

**Mechanical Stabilizer-Damper**



## THERMAL IMAGING SENSOR

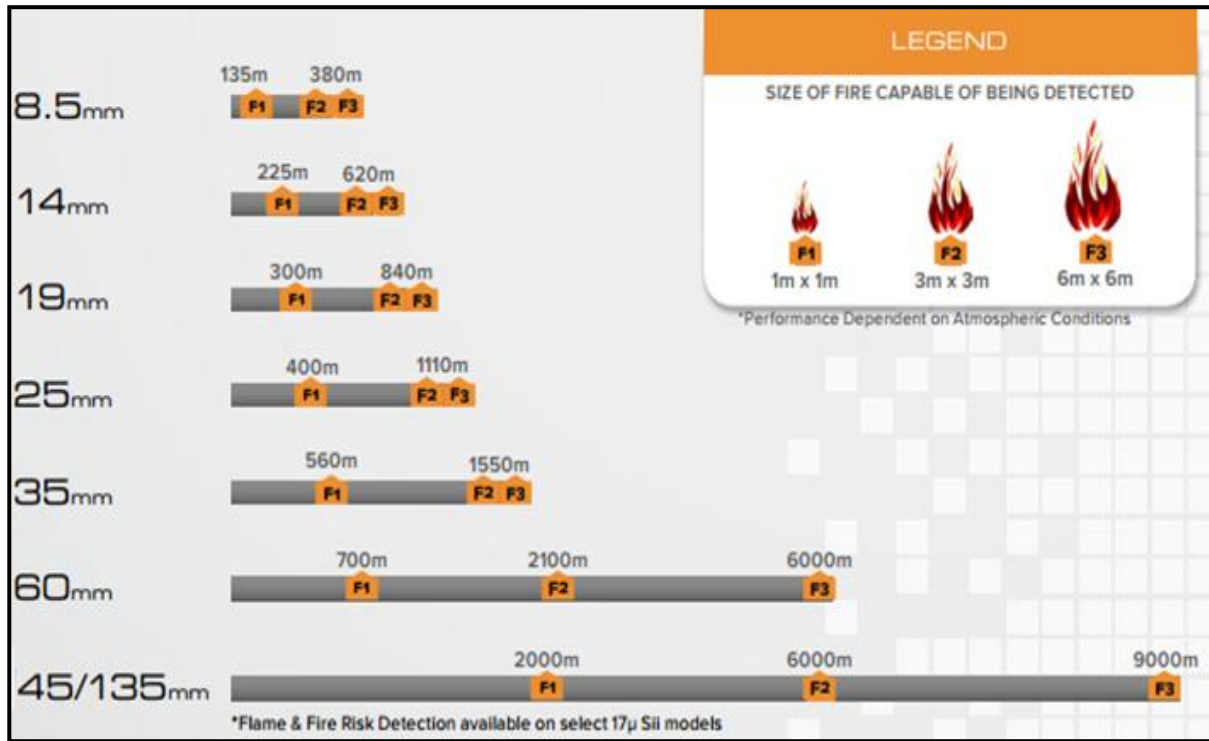
### Supported Sensor Resolution

17 $\mu$  640 x 480

25 $\mu$  320 x 240

25 $\mu$  384 x 288

## ISRAELI REFINERIES INSTALLATION SITE



# DIMENSIONS

