

CAMERA

IMAGE SENSOR

1 / 2.8 inch CMOS 2.13MP

LENS

4.3-129mm

OPTICAL ZOOM

30x

DIGITAL ZOOM

12x

HORIZONTAL ANGLE OF VIEW

63.7° (W) – 2.3° (T)

APERTURE

F1.6 (W) – F4.7 (T)

MIN. ILLUMINATION

Color: 0.01 lux (F1.6, AGC on, 1/30s, High sensitive mode), 0.1 lux (F1.6, AGC on, 1/30s, Normal sensitive mode)

SHUTTER SPEED

1/1 – 1/10000s

FOCUS

Auto, Push, Manual

WHITE BALANCE

Auto, Indoor, Outdoor, Manual, OPW, ATW

EXPOSURE

Auto, Manual, Shutter/Iris Priority

BACKLIGHT COMPENSATION

YES

MECHANICAL

PAN MOVEMENT

Horizontal: $\pm 360^\circ$ continuous pan (Zoom Adaptive Speed Range: 0.01° – 80°/S)

TILT MOVEMENT

Vertical: +90° to -30° (Zoom Adaptive Speed Range: 0.1° – 90°/S)

PRESET POSITIONS

255 (Speed adjustable: Up to 150°/s)

ENVIRONMENTAL

Outdoor/Indoor, IP67, corrosion resistant treated housing, Wind load durability 60m/s,
Nitrogen filled housing

OPERATING TEMPERATURE

-40 – +60 (°C)

OPERATING HUMIDITY

≤80%

ILLUMINATION

IR Laser, illumination up to 500m

VIDEO INTERFACE

VIDEO OUTPUT

NDI/SDI

VIDEO FORMATS

1080p 60, 59.94, 50, 29.97, 25

1080i 60, 59.94, 50

720p 60, 59.94, 50, 29.97, 25

AUDIO I/O

3.5mm Audio In (Stereo)

3.5mm Audio Out (Stereo)

CONTROL INTERFACE

IP PTZ CONTROL

NDI Control (auto configuring)

SERIAL PTZ CONTROL

RS422/RS485 Connector

SERIAL CONTROL PROTOCOL

VISCA / Pelco D

POWER & DIMENSIONS

POWER INPUT

AC 24v, PoE 80W Ready (BirdDog PoE 80W Injector needed, optional)

POWER CONSUMPTION

Min. 24W, Max. 80w (-40°C, IR Laser ON)

DIMENSIONS

180x180x423mm

WEIGHT

10.2kg

NETWORK

VIDEO COMPRESSION

Full NDI – i-frame high quality low latency NDI for production

NETWORK PROTOCOL

NDI – Discovery, configuration and control

WEB CONTROL INTERFACE

Full control via Web/Mobile UI including Scene presets