

InnoPRO

HD Industrial Ruggedized Internet Protocol Camera



Dakota Micro, Inc.

CAMERAS MADE IN THE U.S.A.



WHAT IS THE INNOPRO CAMERA?

The InnoPro camera is a High Definition, ruggedized, commercial grade, Internet Protocol (IP) camera that can survive just about anything the world has to throw at it.

Don't expect the InnoPro to be a "Fast and Easy" way to view cameras from your smart phone. If this camera was easy to access from the outside world then anyone would be able to log in and see what it sees.

The InnoPro is a high security, high durability IP camera capable of withstanding even the harshest environments including temperatures far below zero degrees and direct spray from high pressure liquids.

INNOPRO CAMERA FEATURES

- Ruggedized IP Camera Built in the U.S.A.
- IP69 - Waterproof Under Pressure
- Shockproof, Suitable for Nearly Any Use
- Built-in, High Quality CCD Camera
- Removable/Replaceable Camera Tail
- High Performance Infrared (IR) Illuminator Modules
- IR has Effective Range of 45'+ in Complete Darkness
- Standard Lens Features 78° Field of View (4.3mm)



- 3 Year Warranty
- Onvif Compatible
- Multiple Video Stream Options
- Progressive Scanning
- Available Ruggedized Cat5 Cables
- NTSC/PAL Switchable
- Minimum Focal Distance of 5"

INNOPRO MONITORING APPLICATIONS

Commercial Livestock Monitoring



Monitoring and Surveillance



Construction Sites



Fleet Management



Manufacturing and Assembly Lines



Material & Commodities Handling

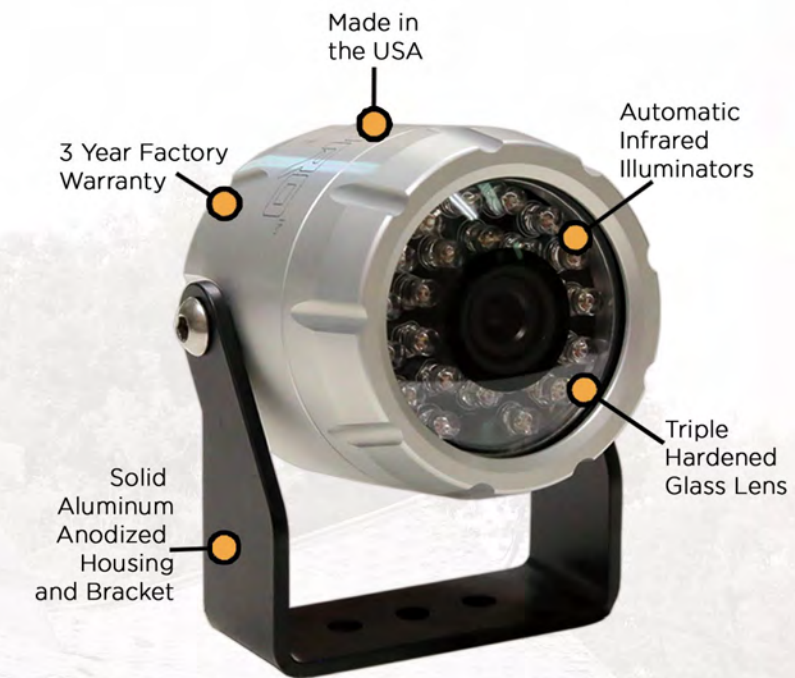


INNOPRO CAMERA GENERAL SPECIFICATIONS

PART NUMBER	DMIP-RC
WARRANTY	3 YEARS
COUNTRY OF MANUFACTURE	USA
VIDEO SYSTEM	NTSC / PAL SWITCHABLE
CAMERA LENS	4.3MM
FIELD OF VIEW	78 DEGREE FIELD OF VIEW
IMAGE RESOLUTION	960 HORIZONTAL LINES
WATERPROOFING CRITERIA	IP69 (WATERPROOF TO HIGH PRESSURE DIRECT SPRAY)
POWER	12V 800mA (10 - 15 V MIN/MAX)
CONSTRUCTION	ANODIZED 6061 ALUMINUM CASE
STREAM	H264, MJPG
PROTOCOL	RTSP
CONTROL	ONVIF COMPATIBLE
OPERATING TEMP	-45°F-150°F (-42°C-66°C)
EFFECTIVE PICTURE ELEMENTS	1,228,800
IMAGE PICKUP DEVICE	1.3 MEGA PIXEL, CMOS SENSOR PROGRESSIVE SCAN
MINIMUM ILLUMINATION	0 LUX @ F2.0 / AUTO DAY-NIGHT/ PASSIVE IR
S/N RATIO	MORE THAN 48dB
AUTO ELECTRONIC SHUTTER	1/60s-1/100,000s, ON/OFF SWITCHABLE
AUTO WHITE BALANCE	COLOR TEMPERATURE: 2500K-9500K
AUTO GAIN CONTROL	HIGH/LOW SWITCHABLE
AUTO IRIS CONTROL	SOFTWARE
SCANNING SYSTEM	PROGRESSIVE
GAMMA CHARACTERISTICS	0.45 ADJUSTABLE
BACK LIGHT COMPENSATION	ON/OFF SWITCHABLE
VIDEO OUTPUT	1 Vp-p/75 OHMS. ANALOG/RTSP/JPG STREAM
DIMENSIONS	2.5IN(W)x2.5IN(H)x2.75IN(L) (Body Only)
ETHERNET	RJ45, 10/100

INNOPRO CAMERA KIT

The InnoPro camera kit includes all the required hardware and software to view High Definition video stream from even the most rugged of environments. With the added versatility to choose analog or digital video, the InnoPro provides a solution to almost any video requirement you might have.



INNOPRO CAMERA KIT

PN: DMIP-RC

- Qty 1 - InnoPro 4.3mm Camera
- Qty 1 - InnoPro Camera Mounting Bracket
- Qty 1 - InnoPro Camera Tail
- Qty 1 - InnoPro Software CD

INNOPRO SOFTWARE GENERAL FEATURES

SUB-STREAM TOGGLE	MULTI WINDOW VIEW	EXPORT CONFIG
TAKE SNAPSHOT	TILE SUB WINDOWS	IMPORT CONFIG
ZOOM	SEARCH DEVICES	DEVICE LIST
NAME CAMERA	RECORD/PLAYBACK VIDEO	TOUCH SCREEN INTERFACE

INNOPRO SOFTWARE ADVANCED ADJUSTMENT FEATURES

IP ADDRESS	FRAME RATE	RTSP MEDIA PORT
GATEWAY	OSD INFO LOCATIONS	TIME ZONE
NET MASK	RECORD SCHEDULE	RESOLUTION
DNS	STREAM ACCESS	I FRAME INTERVAL
PORT	FPS	BITRATE

INNOPRO CAT5E EXTENSION CABLES

The InnoPro product line also includes a line of Cat5E Duraflex Robotic/Industrial shielded Ethernet extension cables. InnoPro Ethernet cables are specifically designed for use in harsh environments. Cables attach directly to the rear of the InnoPro camera and output video via RJ45. Each cable includes (Power Over Ethernet) injector for power conversions.



INNOPRO 25' CAT5E ETHERNET EXTENSION CABLE (DMIP-CEC25)

INNOPRO 50' CAT5E ETHERNET EXTENSION CABLE (DMIP-CEC50)

INNOPRO 75' CAT5E ETHERNET EXTENSION CABLE (DMIP-CEC75)

INNOPRO 100' CAT5E ETHERNET EXTENSION CABLE (DMIP-CEC100)

DURAFLEX CAT5E ROBOTIC/INDUSTRIAL SHIELDED CABLE

General uses include; harsh environments, robotics, high flex applications, industrial patch cable, Gigabit Ethernet, 100 Base TX, 100 Base VG ANYLAN, 155 ATM, NTSC/PAL Component or Composite video, AES/EBU, Digital Video, RS-422, CMG-Outdoor, RJ45 Compatible (with appropriate connectors)

DURAFLEX 1,000' ROLL CABLE (DM-CA-5L1000)



DURAFLEX CAT5E ROBOTIC/INDUSTRIAL SHIELDED CABLE SPECS

CONDUCTOR AWG	24 AWG
NUMBER OF PAIRS	4 PAIRS TWISTED / BONDED
NUMBER OF CONDUCTORS	8 CONDUCTORS
STRANDING	7X32
CONDUCTOR MATERIAL	7/0/16 COPPER
INSULATION MATERIAL	HDPE (HIGH-DENSITY POLYETHYLENE) ID 0.91
CABLING SEPARATOR MATERIAL	POLYESTER
OVERALL NOMINAL DIAMETER	0.23 - 0.25 IN.
COMPARABLE PRODUCTS	BELDEN 7938A CAT5E DATATUFF
USAGE	INDOOR AND OUTDOOR
RESISTANCE	DIRECT SUN, OIL, HIGH FLEX, BURIAL
COMPLIANCES	ROHS COMPLIANT MATERIALS THROUGHOUT
SHIELDING - PAPER	TWISTED PAIR
SHIELDING - BRAID	16/8/0.1 TINNED COPPER
OUTER JACKET DIAMETER	6.4MM +/-0.2MM
JACKET MATERIAL	OUTER: FLEXIBLE PVC INNER: TPE
STORAGE TEMP RANGE	-40°F-176°F (-40°C-80°C)
INSTALLATION TEMP RANGE	-13°F-167°F (-25°C-75°C)
OPERATING TEMP RANGE	-40°F-158°F (-40°C-70°C)
BULK CABLE WEIGHT	60LB/1,000FT ROLL (27KG)
MAX. RECOMMENDED PULL TENSION	40 LBS (18KG)
MIN. BEND RADIUS	3.5 INCHES (8.9CM)
NOMINAL MUTUAL CAPACITANCE	15 PF/FT
MAX. CAPACITANCE UNBALANCE	330 PF/FT
NOMINAL VEL. OF PROPAGATION	69 VP (%)
MAX. DELAY	510 NA/100M
MAX. OPERATING VOLTAGE DC	11 DCR @ 20C (OHM/100M)
MAX. OPERATING VOLTAGE UL	300 V RMS
MAX. DVR UNBALANCED	3 @ 20C (5)



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AgCam

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