

90 Spectrum

The art & science of Inuktun Technology ...
a very human endeavour taking you beyond
what is humanly possible. Our remotely
operated systems bridge the gap between
you and the physical world, helping you to
reach the unreachable, to see the unseen and
to safely go beyond your physical limitations.

We make it possible to...

see it
for yourself.



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Specs

19" rack mount



1450
Pelican
case

Spectrum 90™ PTZ

Spectrum 90™ Pan Tilt Camera Specifications

The Spectrum 90™ pan, tilt and zoom camera is one of the most popular of Inuktun cameras on the market. This robust 40x zoom 1/4" CCD color camera, with a diameter of 90mm, 470 TV line resolution and 1.5 lux sensitivity is built out of aluminum or stainless steel and depth rated to 30m. In addition, the Spectrum 90™ zoom camera offers both flood and spot lighting with variable brightness to maximize your penetration and visibility with the opportunity for zoom when required...see it for yourself.

Size

Diameter 90mm / 3.5"
Length 248mm / 9.78" + connector

Camera

Material Aluminum (Stainless Steel Optional)
Type Colour 1/4" EX VIEW CCD IX-11A
Sensitivity >1.5 lux
Resolution 460 TV lines
Focus Auto or Manual (Remote)
Iris Auto
Lights 24W (4X6W flood) in Air + 24W (4X6W spot) in Water Argon Lights
Camera Weight 2.5kg / 5.5lb

Controls

Active Controls Pan, Tilt, Zoom, Focus & Light
Pan 360° continuous
Pan Speed variable 0-24°/sec
Tilt 280°
Tilt Speed variable 0-7°/sec
Horizontal FOV 46° in air (wide)
Zoom 40:1 (10X optical, 4X digital)
Clutch Pan & Tilt Clutch
Lights Variable intensity

Operating Environment

Temperature 0-50°C (32-122°F)
Depth Rating 30m / 100ft

Control System

Power 110 or 220 VAC
Chassis 19" rack mount
Height 146mm / 5.75"
Rack Mount weight 10kg / 22lb
Pelican case 1450 Pelican case (optional)
Pelican size 16" X 13" X 6 7/8" (40.6 cm X 33cm X 17.4cm)
Pelican Weight 9.2kg / 20.2lb
Interface Membrane panel; pan, tilt & inclinometer feedback (optional)
Standard Tether cable up to 150m / 500 ft*
* longer cables - custom order