

# PREVOYANCE®

## PREVOYANCE® Specification Document

Summary	PREVOYANCE® is a plug-and-play camera assembly designed exclusively for medical applications. Pull it out of the box, plug it in, and begin building the next-generation camera-based device.	
Quality	PREVOYANCE® was developed specifically for medical device applications under ATL's ISO 13485 quality management system. ATL has done the heavy lifting to ensure that it meets base regulatory standards, so that you can focus on building the next-generation device with peace-of-mind.	
Offerings	Part Number: PRE4644	Part Number: PRE4644L
Components	Omnivision 6946 camera cube ATL Chip-On-Tip® interface 44 Gauge wire bundle - 2.5 meters	Omnivision 6946 camera cube ATL Chip-On-Tip® interface 44 Gauge wire bundle - 2.5 meters 2 LED Lights
Offerings	Part Number: PREFA44	Part Number: PREFA44L
Components	Omnivision OH0FA camera cube ATL Chip-On-Tip® interface 44 Gauge wire bundle - 2.5 meters	Omnivision OH0FA camera cube ATL Chip-On-Tip® interface 44 Gauge wire bundle - 2.5 meters 2 LED Lights
Offerings	Part Number: PRE4844	Part Number: PRE4844L
Components	Omnivision 6948 camera cube ATL Chip-On-Tip® interface 44 Gauge wire bundle - 2.5 meters	Omnivision 6948 camera cube ATL Chip-On-Tip® interface 44 Gauge wire bundle - 2.5 meters 2 LED Lights
Offerings	Part Number: PRETA44	Part Number: PRETA44L
Components	Omnivision OH0TA camera cube ATL Chip-On-Tip® interface 44 Gauge wire bundle - 2.5 meters	Omnivision OH0TA camera cube ATL Chip-On-Tip® interface 44 Gauge wire bundle - 2.5 meters 2 LED Lights

Complete device manufacturing, including shaft, handle, PCBA configuration, cable length, interconnect, and packaging provided by ATL Technology

## PREVOYANCE® Complete Device Customization

Tip Housing
Bi-directional Articulating Shaft
Quad-directional Articulating Shaft
Braided / Rigid / Pre-Formed Shaft
Wire / Cable Assembly
Air / Fluids Extrusion
Handle
Interconnect

PREVOYANCE.IO

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PREVOYANCE is a trademarked product of ATL Technology

# PREVOYANCE®

"I originated PREVOYANCE to instigate and encourage engineers to develop the next generation medical imaging device." Mike Anderson

The PREVOYANCE image is powered by ATL's PREVOYANCE® Camera Control Unit / Image Signal Processor



## Available Interface Features

- Video recording capture
  - Through product or on screen
- Single image capture
  - Through product or on screen
  - Image capture can be performed while recording
- Image Media Data Management
- 90° on screen rotation
- Light adjustment
- Native mode
- Full screen adaptation
- USB Storage (no in product storage)
- Picture gallery (time stamped)
- Doctor and Patient information
- Automatic calibration to: OVT 6946, 6948, OH0TA, and OH0FA camera sensors
- External HDMI cable interface
- Global electrical connectivity