

: WIRELESS POLE CAMERA

# PCSS1



THE SMALL HANDLE ASSEMBLY HOUSES THE WIRELESS TRANSMITTER, BATTERY COMPARTMENT, MOTHERBOARD, AND OTHER ELECTRONICS NEEDED TO OPERATE THE CAMERA. THIS ELIMINATES THE INCONVENIENCE OF TRANSPORTING HEAVY BATTERY PACKS OR DEALING WITH THE TANGLED CABLES USED IN OTHER SYSTEMS. — INSERT THE BATTERIES AND FLIP A SWITCH.

- THE PCSS1 PROVIDES ULTIMATE FLEXIBILITY FOR TACTICAL TEAMS — THERE ARE NO CUMBERSOME BATTERY BELT PACKS OR EXTERNAL CABLES!!
- MULTIPLE “QUICK-CHANGE” EXTENSIONS; FLEXIBLE, ROTATING CAMERA HEADS; AND INNOVATIVE WIRELESS TECHNOLOGY MAKE THE TACTICAL ELECTRONICS POLE CAMERA A NEED FOR EVERY TACTICAL OPERATOR. LIGHTWEIGHT AND DURABLE, OUR POLE CAMERAS ARE USED ALL OVER THE WORLD BY THE FBI AND VARIOUS EOD AND SWAT TEAMS.

## SPECIFICATIONS

weight	3.0 lbs. — includes handle assembly, batteries, and one camera head attached
length	23 inches collapsed; extends to 80 inches with two “quick-change” extensions (included)
“quick-change” extension length	20 inches — two extensions come with a standard PCSS1 kit (see options below)
“quick-change” extension weight	0.6 lbs.
frequency range	operates between 2.4 - 2.485 Ghz
transmission distance	up to one half mile line-of-sight — increased distance can be added with repeaters
camera head water depth	rated water depth for normal operation is approximately 80 ft. (20 m)
hard-wire video output	1/4 - inch stereo jack
batteries	3V lithium — operates over eight continuous hours on four batteries
camera heads	kit includes one black & white camera with IR LEDs and one color camera w/IR LEDs
camera head widths	2 inches
camera head depths	color head = 2.50 inches; b/w head = 2.50 inches
effective pixels (both cameras)	250,000
light sensitivity	color = 1 lux; b/w = 0.003 lux
resolution	color = 350 lines; b/w = 400 lines
scanning system	2:1 interlace
fixed focus lenses	4mm
iris	auto iris controlled electronically
temperature & humidity	-10°C - +50°C (15°F - 120°F), 95% maximum relative humidity
IR LEDs	color head = 8EA @ 850nm (photo cell controlled); b/w head = 10EA @ 880nm



COLOR CAMERA HEAD WITH 8 IR LEDs AND PHOTO SENSOR CELL

BLACK & WHITE CAMERA HEAD WITH 10 IR LEDs

WEAVER® MOUNTS FOR ATTACHMENT OF ADDITIONAL LIGHT SOURCES.

EACH EXTENSION POLE ADDS 20" AND ONLY 0.6 LBS.

CAMERA HEADS HAVE ROTATING FACES TO ENSURE PROPER VIEWING ORIENTATION.

**TACTICAL ELECTRONICS**