



PW1000 Borescope inspection kit

XLVPKIT-GTF

Waygate Technologies Video Borescope kit configured for PW1000 series engines dual-handset XL Detect+ kit

Kit applicability

The video borescopes described in this dual-probe kit contain two (2) Waygate Technologies model XL Detect+ video borescopes. This kit contains both a 4mm x 2.0m video borescope and a 6.1mm x 2.0m video borescope. The kit, with its included optical tip adapters and included accessories is configured for use in applications which utilize P&W spec CTE 8003 for their borescope specification. See the technical description summary on reverse side of this document for additional details. Waygate Technologies offers no opinion and makes no conclusions as to whether these Waygate Technologies video borescopes meet the requirements of CTE 8003.

Kit part number

Waygate Technologies part number: XLVPKIT-GTF



Technical description

	Part number	Part number
Feature	XLDPA6120	XLDPA4020
Product line	XL Detect+	XL Detect+
Probe specifications	6.1 mm Ø x 2m long	4.0 mm Ø x 2m long
Optical tip set	See below	See below
Handset dimensions	3.75 x 5.25 x 13.50 in (width-depth-tall)	3.75 x 5.25 x 13.50 in (width-depth-tall)
Case type	Rugged wheeled shipping case with extendable handle	
Case dimensions	19" wide x 12" deep x 24" tall	
Shipping box dimensions	20" wide x 13" deep x 24" tall	
System weight in wheeled case	36 lbs	
System weight in case in overpack box	40 lbs	
User interface	Joystick and keyboard buttons	Joystick and keyboard buttons
Ergonomic design	Unitized hand-held design, fixed probe	Unitized hand-held design, fixed probe
Illumination	Internally mounted white LED	Internally mounted white LED
Articulation	360° All-Way® servo driven articulation	360° All-Way® servo driven articulation
Internal memory	4 GB	4 GB
USB thumb drive	16 GB	16 GB
Zoom	5X digital zoom	5X digital zoom
Battery	2-hr Li-Ion	2-hr Li-Ion
LCD display	5" VGA, daylight readable	5" VGA, daylight readable
I/O ports	(1) USB 2.0 "A" port	(1) USB 2.0 "A" port
Video output	VGA	VGA
Still image formats	Bitmap (.BMP) and JPEG (.JPG)	Bitmap (.BMP) and JPEG (.JPG)
Video format	MPEG4 AVC / H.264 (.MP4 file)	MPEG4 AVC / H.264 (.MP4 file)
IP rating	Tested to IP 65	Tested to IP 65
Accessories	GTR603S 6.1mm x 12.0" rigidizer and gripper, and optical tip case	GTR413S 4.0 mm x 12.0" rigidizer and gripper, and optical tip case
Common accessories	Battery charger with power cord, handset holder mount kit	
Mil standards	MIL-STD-810G	MIL-STD-810G
Agency compliance	Group 1, Class A: EN61326-1 UL, IEC, EN CSA-C22.2:61010-1 UN/DOT T1-T8	Group 1, Class A: EN61326-1 UL, IEC, EN CSA-C22.2:61010-1 UN/DOT T1-T8

Optical tip set

XLDPA6120				XLDPA4020			
Part number	Color code and direction	FOV (degrees)	DOF (inches)	Part number	Color code and direction	FOV (degrees)	DOF (inches)
XLG3T6150FF (headguard)	Silver - fwd	50	2.3 - inf	T4080FF (headguard)	Silver - fwd	80	1.4 - inf
XLG3T61120FG	Black - fwd	120	0.2 - 4.7	T40115FN	Black - fwd	115	0.2 - 4.7
XLG3T61120SG	Blue - side	120	0.1 - 4.0	T40120SF	Blue - side	120	0.1 - 4.0