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# 01

## Drain & pipe inspection camera



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WPS710



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WPS710DN-SCJ



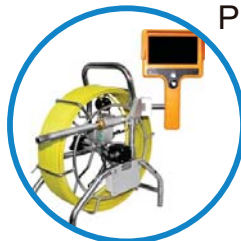
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WPS1510DSK



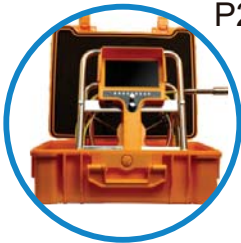
P23

WPS710D5



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WPS910DNLKC



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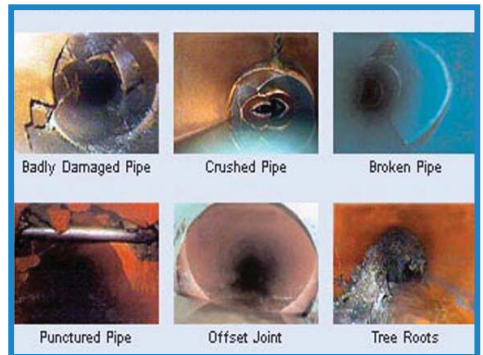
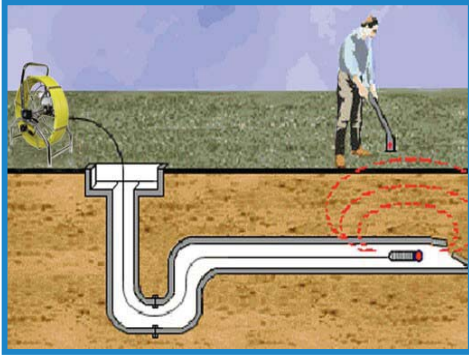
WPS713DN-SCJ



P26

WPS913DNKC2

# Drain & pipe inspection camera **Application domain**



# Model No. WPS710



Waterproof IP68



23mm camera  
12PCS LEDs

Camera Head		Monitor		Control Box	
Camera Size:	ø23mmX120mm	Size:	7inch digital color	Power supply:	12V
Sensor size:	1/4 inch	Total Pixels:	800X480	LED adjustable & battery level display	
View angle:	120°	Work current/supply:	250MA / DC12V	Charger	
Work current/power:	100MA / DC12V	OSD language:	English	Input:	AC100-240V~50/60Hz
Camera light:	12PCS white LEDS	Image reversible		Output:	DC 12V/1000MA
Resolution:	PAL: 720X576 NTSC: 720X480	Model:	16:9&4:3	DC plug diameter:	2.1mm
Glass material:	Sapphire glass	Sunshade		Skids	
Shell material:	Stainless steel	Li-ion Battery		Skid -1 / -2	ø40 / ø80mm
Cable Wheel		Total Power:	14W	Suitcase	
Cable size:	ø320mmX110(h)	Charge time:	5hours	Size:	L480XW415XH200mm
Wire material:	Fiberglass rod	Protective voltage:	8.1V	Material:	Fire board & Aluminum alloy
Wire length:	20m(standard)	Work time:	≥260minutes		
Wire diameter:	ø5.0mm				



Camera



Control Box



Cable Wheel



Monitor



Battery



Charger



Skids



Suitcase

# Model No. WPS710D



Waterproof IP68



Video recording



23mm camera  
12PCS LEDs

Camera Head		Monitor		Control Box	
Camera Size:	ø23mmX120mm	Size:	7inch digital color	Power supply:	12V
Sensor size:	1/4 inch	Total Pixels:	800X480	Work current:	150MA
View angle:	120°	Work current/supply:	250MA / DC12V	Storage medium:	8G SD card(max 32G) SD card reader
Work current/power:	100MA / DC12V	OSD language:	English	Battery level display	
Camera light:	12PCS white LEDs	Image reversible		Picture snap & movie record	
Resolution:	PAL: 720X576 NTSC: 720X480	Model:	16:9&4:3	DVR Total Pixels:	720X576 (D1)
Glass material:	Sapphire glass	Sunshade		Movie format:	AVI
Shell material:	Stainless steel	<b>Li-ion Battery</b>		Microphone Audio record	
<b>Cable Wheel</b>		Total Power:	14W	Stereo earphone output	
Cable size:	ø320mmX110(h)	Charge time:	5hours	<b>Charger</b>	
Wire material:	Fiberglass rod	Protective voltage:	8.1V	Input:	AC100-240V~50/60Hz
Wire length:	20m(standard)	Work time:	≥260minutes	Output:	DC 12V/1000MA
Wire diameter:	ø5.0mm	<b>Suitcase</b>		DC plug diameter:	2.1mm
<b>Skids</b>		Size:	L480XW415XH200mm		
Skid -1 / -2	ø40mm / ø80mm	Material:	Fire board & Aluminum alloy		



Camera



Control Box



Cable Wheel



Monitor



Battery



Charger



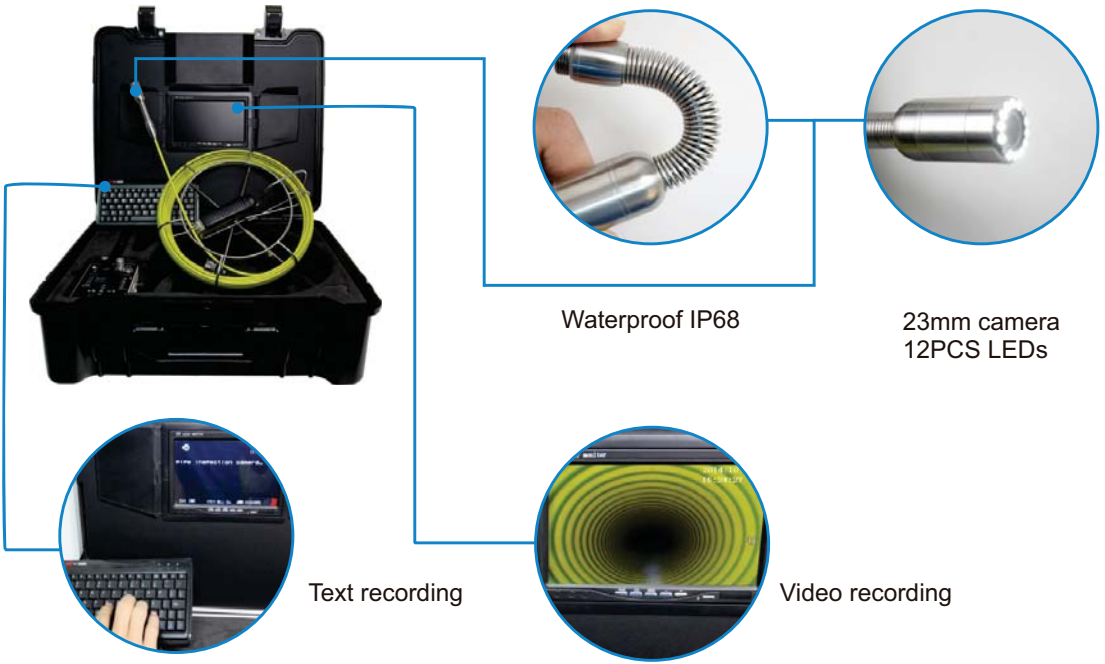
Skids



Suitcase



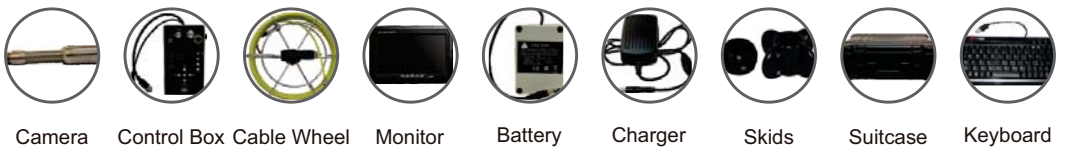
# Model No. WPS710DNK



Camera Head	
Camera Size:	ø23mmX120mm
Sensor size:	1/4 inch
View angle:	120°
Work current/supply:	100MA / DC12V
Camera light:	12PCS white LEDs
Resolution:	PAL: 720X576 NTSC: 720X480
Glass material:	Sapphire glass
Shell material:	Stainless steel
Cable Wheel	
Cable size:	ø320mmX110(h)
Wire material:	Fiberglass rod
Wire length:	20m(standard)
Wire diameter:	ø5.0mm
Skids	
Skid -1	ø40mm
Skid -2	ø80mm

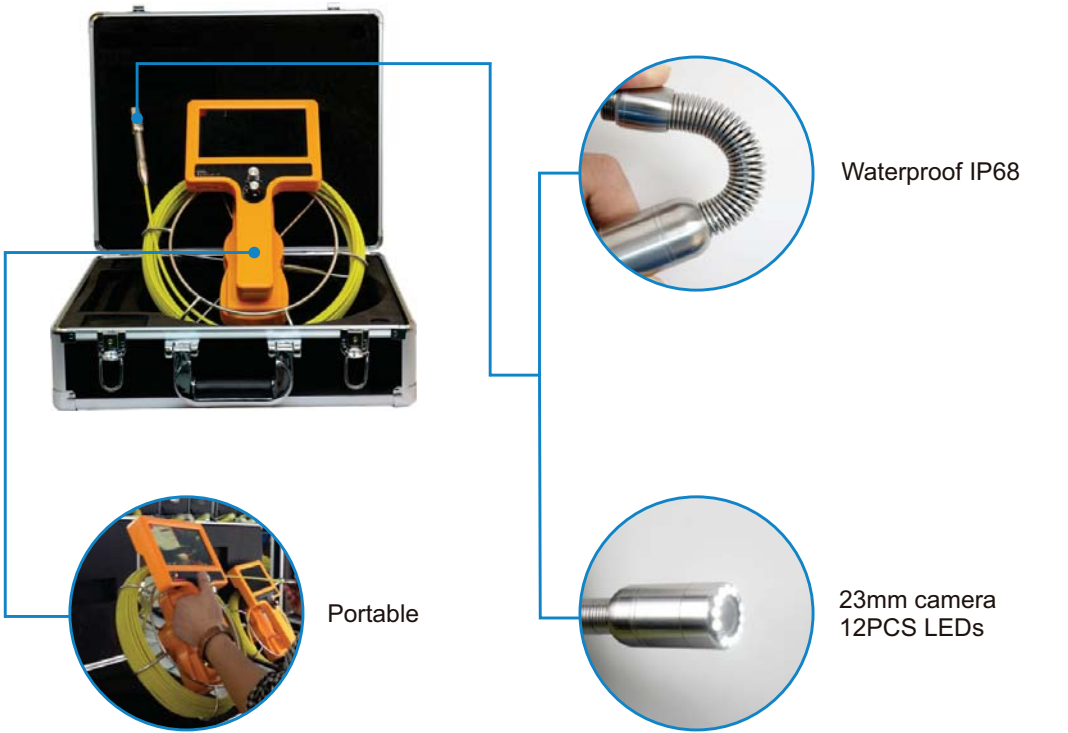
Monitor	
Size:	7inch digital color
Total Pixels:	800X480
Work current/supply:	250MA / DC12V
OSD language:	English
Image reversible	
Model:	16:9&4:3
Sunshade	
Li-ion Battery	
Total Power:	14W
Charge time:	5hours
Protective voltage:	8.1V
Work time:	≥260minutes
Suitcase	
Size:	L520XW435XH200mm
Material:	Engineering plastics
Charger	
Input:	AC100-240V~50/60Hz
Output:	DC 12V/1000MA
DC plug diameter:	2.1mm

Control Box	
Power supply:	12V
Work current:	150MA
Storage medium:	8G SD card(max 32G) SD card reader
Battery level display	
Picture snap & movie record	
DVR Total Pixels:	720X576 (D1)
Movie format:	AVI
Microphone Audio record	
Stereo earphone output	
Keyboard	
Size:	220(L)X118(W)X18(H)mm
Language:	English
Interface:	USB
Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line
Max Edit Page:	4pages



Camera    Control Box    Cable Wheel    Monitor    Battery    Charger    Skids    Suitcase    Keyboard

# Model No. WPS710-SCJ



Waterproof IP68

23mm camera  
12PCS LEDs

Portable

Camera Head		Charger		Control part	
Camera Size:	ø23mmX120mm	Input:	AC100-240V~50/60Hz	Power supply:	12V
Sensor size:	1/4 inch	Output:	DC 12V/1000MA	LED adjustable & battery level display	
View angle:	120°	DC plug diameter:	2.1mm	Monitor size:	7inch digital color
work current/supply:	100MA / DC12V	<b>Suitcase</b>		Monitor pixels:	800X480
Camera light:	12PCS white LEDS	Size:	440LX390WX165Hmm	OSD language:	English
Resolution:	PAL: 720X576 NTSC: 720X480	Material:	Fire board & Aluminum alloy	Monitor image reversible	
Glass material:	Sapphire glass	<b>Skids</b>		Monitor model:	16:9&4:3
Shell material:	Stainless steel	Skid -1	ø40mm	Sunshade	
<b>Cable Wheel</b>		Skid -2	ø80mm	Battery power:	14W
Cable size:	ø330mmX132(h)			Charge time:	5hours
Wire material:	Fiberglass rod			Protective voltage:	8.1V
Wire length:	20m(standard)			Work time:	>=260minutes
Wire diameter:	ø5.0mm				



Camera



Control part



Cable wheel



Charger



Skids



Suitcase



# Model No. WPS710DN-SCJ



Waterproof IP68



Portable



23mm camera  
12PCS LEDs

Camera Head		Charger		Control part	
Camera Size:	ø23mmX120mm	Input:	AC100-240V~50/60Hz	Work current/supply:	400MA / DC12V
Sensor size:	1/4 inch	Output:	DC 12V/1000MA	Storage medium:	8G SD card(max 32G) SD card reader
View angle:	120°	DC plug diameter:	2.1mm		
Work current/supply:	100MA / DC12V	Suitcase		Battery level display & Sunshade	
Camera light:	12PCS white LEDs	Size:	L520XW435XH200mm	Picture snap & movie record	
Resolution:	PAL: 720X576 NTSC: 720X480	Material:	Engineering plastics	DVR Total Pixels:	720X576 (D1)
Glass material:	Sapphire glass	Color:	Orange/green/black	Movie format:	AVI
Shell material:	Stainless steel	Skids		Microphone Audio record	
Cable Wheel		Skid -1	ø40mm	Stereo earphone output	
Cable size:	ø330mmX132(h)	Skid -2	ø80mm	Monitor size:	7inch digital color
Wire material:	Fiberglass rod			Monitor pixels:	800X480
Wire length:	20m(standard)			OSD language:	English
Wire diameter:	ø5.0mm			Monitor image reversible	
Fiberglass color:	Yellow/Blue			Monitor model:	16:9&4:3
				Battery power:	14W
				Charge time:	5hours
				Work time:	≥260minutes



Camera



Control Pad



Battery



Charger



Skids



Suitcase

# Model No. WPS714DSLKC-R



Camera Head	
Camera Size:	ø23mmX57mm
Spring length:	ø22.3mmX160mm
Transmitter:	512Hz
Sensor size:	1/4 inch
View angle:	120°
Work current/supply:	100MA / DC12V
Camera light:	12PCS white LEDS

Monitor	
Size:	7inch digital color
Total Pixels:	800X480
Work current/supply:	250MA / DC12V
OSD language:	English
Image reversible	
Model:	16:9&4:3
Sunshade	

Control Box	
Power supply:	12V
Work current:	150MA
Storage medium:	8G SD card(max 32G) SD card reader
Battery level display	
Picture snap & movie record	
DVR Total Pixels:	720X576 (D1)
Movie format:	AVI
Microphone Audio record	
Stereo earphone output	

Resolution:	PAL: 720X576 NTSC: 720X480
Glass material:	Sapphire glass
Shell material:	Stainless steel

Li-ion Battery	
Total Power:	14W
Charge time:	5hours
Protective voltage:	8.1V
Work time:	≥260minutes

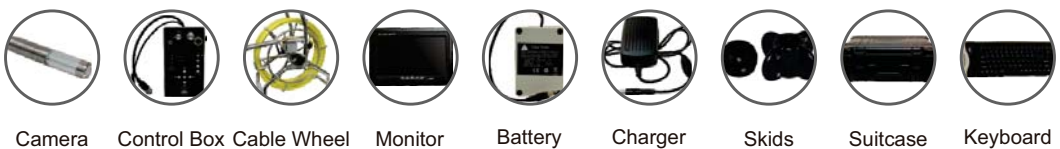
Keyboard	
Size:	323(L)X130(W)X11(H)mm
Language:	English
Interface:	USB
Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line
Max Edit Page:	4pages

Cable Wheel	
Cable size:	460LX270WX560Hmm
Wire material:	Fiberglass rod
Wire length:	60m(standard)
Wire diameter:	ø7.0mm
Wheel material:	Stainless steel
Meter counter & handle-brake	
Fiberglass color:	Yellow
Wheel size:	L88XW39XH62mm

Suitcase	
size:	L460XW370XH180mm
Material:	Engineering plastics

Charger	
Input:	AC100-240V~50/60Hz
Output:	DC 12V/1000MA
DC plug diameter:	2.1mm

Skids	
Skid -1	ø40mm
Skid -2	ø80mm



Camera    Control Box    Cable Wheel    Monitor    Battery    Charger    Skids    Suitcase    Keyboard

# Model No. WPS714DSLKC-C40-R



Camera Head	
Camera Size:	ø40mmX77mm
Spring:	ø22.3mmX160mm
Transmitter:	512Hz
Sensor size:	1/4 inch
View angle:	120°
Work current/supply:	200MA / DC 12V
Camera light:	42PCS white LEDs

Monitor	
Size:	7inch digital color
Total Pixels:	800X480
Work current/supply:	250MA / DC 12V
OSD language:	English
Image reversible	
Model:	16:9&4:3
Sunshade	

Control Box	
Power supply:	12V
Work current:	150MA
Storage medium:	8G SD card(max 32G) SD card reader
Battery level display	
Picture snap & movie record	
DVR Total Pixels:	720X576 (D1)
Movie format:	AVI
Microphone Audio record	
Stereo earphone output	

Resolution:	PAL: 720X576 NTSC: 720X480
Glass material:	Sapphire glass
Shell material:	Aluminum alloy
Auto balance	

Li-ion Battery	
Total Power:	14W
Charge time:	5hours
Protective voltage:	8.1V
Work time:	≥260minutes

Keyboard	
Size:	323(L)X130(W)X11(H)mm
Language:	English
Interface:	USB
Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line
Max Edit Page:	4pages

Cable Wheel	
Cable size:	460LX270WX560Hmm
Wire material:	Fiberglass rod
Wire length:	60m(standard)
Wire diameter:	ø7.0mm
Wheel material:	Stainless steel
Meter counter & handle-brake	
Fiberglass color:	Yellow

Suitcase	
Size:	L460WX370XH180mm
Material:	Engineering plastics

Charger	
Input:	AC100-240V~50/60Hz
Output:	DC 12V/1000MA
DC plug diameter:	2.1mm

Size:	323(L)X130(W)X11(H)mm
Language:	English
Interface:	USB
Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line
Max Edit Page:	4pages

Skids	
Skid-1 / -2 / -3	ø90 / ø140 / ø220mm



Camera    Control Box    Cable Wheel    Monitor    Battery    Charger    Skids    Suitcase    Keyboard

# Model No. WPS714DLKC-SCJ



Camera Head	Charger	Control part
Camera Size: ø23mmX57mm	Input: AC100-240V~50/60Hz	Work current/supply: 400MA / DC12V
Spring length: ø22.3mmX160mm	Output: DC 12V/1000MA	Storage medium: 8G SD card(max 32G) SD card reader
Transmitter: 512Hz	DC plug diameter: 2.1mm	Battery level display
Sensor size: 1/4 inch	<b>Keyboard</b>	Picture snap & movie record
View angle: 120°	Size: 220(L)X118(W)X18(H)mm	DVR Total Pixels: 720X576 (D1)
Work current/supply: 100MA / DC12V	Language: English	Movie format: AVI
Camera light: 12PCS white LEDS	Interface: USB	Microphone Audio record
Resolution: PAL: 720X576 NTSC: 720X480	Text Edit Line: PAL 27letter 14line NTSC 27letter 12line	Stereo earphone output
Glass material: Sapphire glass	Max Edit Page: 4pages	Monitor size: 7inch digital color
Shell material: Stainless steel	<b>Skids</b>	Monitor pixels: 800X480
<b>Cable Wheel</b>	Skid -1 ø40mm	OSD language: English
Cable size: 460LX270WX560Hmm	Skid -2 ø80mm	Monitor image reversible
Wire material: Fiberglass rod		Monitor model: 16:9&4:3
Wire length: 60m(standard)		Sunshade
Wire diameter: ø7.0mm		Battery power: 14W
Wheel material: Stainless steel		Charge time: 5hours
Meter counter & handle-brake		Work time: ≥260minutes
Fiberglass color: Yellow		



Camera



Control part



Cable Wheel



Charger

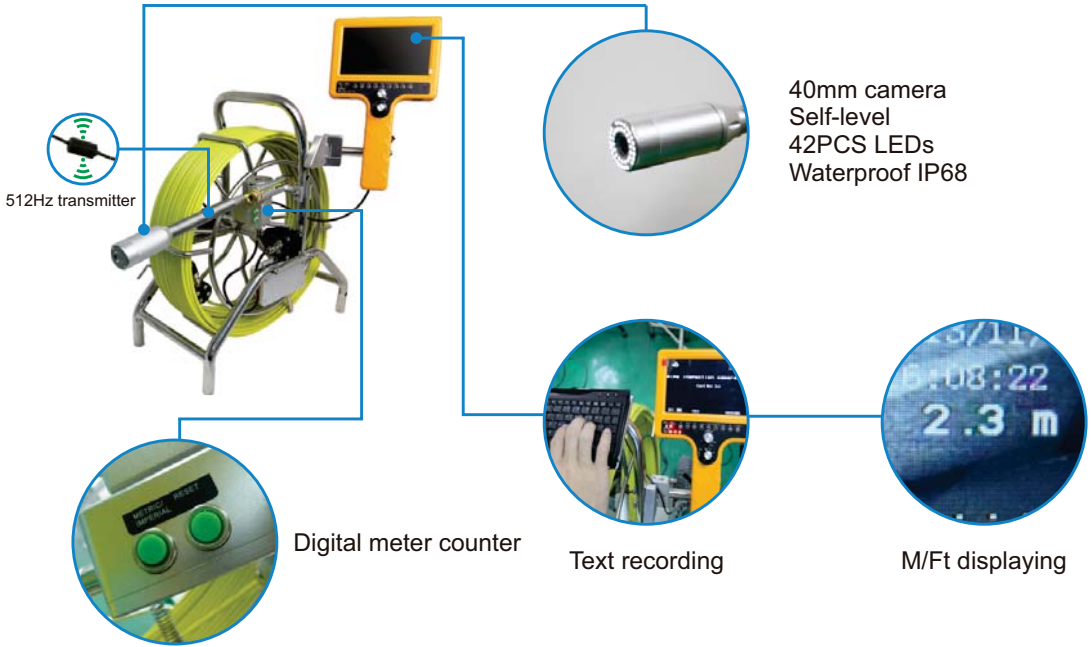


Skids



Keyboard

# Model No. WPS714DLKC-C40-SCJ



Camera Head		Charger		Control part	
Camera Size:	ø40mmX77mm	Input:	AC100-240V~50/60Hz	Work current/supply:	400MA / DC12V
Spring:	ø22.3mmX160mm	Output:	DC 12V/1000MA	Storage medium:	8G SD card(max 32G) SD card reader
Transmitter:	512Hz	DC plug diameter:	2.1mm	Battery level display	
Sensor size:	1/4 inch	Keyboard		Picture snap & movie record	
View angle:	120°	Size:	220(L)X118(W)X18(H)mm	DVR Total Pixels:	720X576 (D1)
Work current/supply:	200MA / DC12V	Language:	English	Movie format:	AVI
Camera light:	42PCS white LEDS	Interface:	USB	Microphone Audio record	
Resolution:	PAL: 720X576 NTSC: 720X480	Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line	Stereo earphone output	
Glass material:	Sapphire glass	Max Edit Page:	4pages	Monitor size:	7inch digital color
Shell material:	Aluminum alloy	Skids		Monitor pixels:	800X480
Auto balance		Skid -1	ø90mm	OSD language:	English
Cable Wheel		Skid -2	ø140mm	Monitor image reversible	
Cable size:	460LX270WX560Hmm	Skid -3	ø220mm	Monitor model:	16:9&4:3
Wire material:	Fiberglass rod			Sunshade	
Wire length:	60m(standard)			Battery power:	14W
Wire diameter:	ø7.0mm			Charge time:	5hours
Wheel material:	Stainless steel			Work time:	≥260minutes
Meter counter & handle-brake					
Fiberglass color:	Yellow				



Camera



Control part



Cable Wheel



Charger



Skids



Keyboard



# Model No. WPS712DNLKC



50mm camera  
30PCS LEDs  
Self-level  
1/3 inch Sony CCD  
Waterproof IP68  
512Hz transmitter



M/Ft displaying



Digital meter counter



Text recording

Camera Head		Suitcase		Control Box	
Camera Size:	ø50mmXL84mm	Size:	L520XW435XH200mm	Work current/supply:	150MA / DC12V
Spring:	ø22.3mmX200mm	Material:	Engineering plastics	Storage medium:	8G SD card(max 32G) SD card reader
Transmitter:	512Hz	<b>Charger</b>		Battery level display	
Sensor size:	1/3 inch Sony CCD	Input:	AC100-240V~50/60Hz	Picture snap & movie record	
View angle:	90°	Output:	DC 12V/1000MA	DVR Total Pixels:	720X576 (D1)
Work current/supply:	250MA / DC12V	DC plug diameter:	2.1mm	Movie format:	AVI
Camera light:	30PCS white LEDs	<b>Keyboard</b>		Microphone Audio record	
Resolution:	960TVLine	Size:	220LX118WX18Hmm	Stereo earphone output	
Glass material:	Sapphire glass	Language:	English	<b>Monitor</b>	
Shell material:	Aluminum alloy	Interface:	USB	Monitor size:	7inch digital color
Auto balance		Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line	Monitor pixels:	800X480
<b>Cable Wheel</b>		Max Edit Page:	4pages	OSD language:	English
Cable size:	770LX371WX810Hmm	<b>Skids</b>		Monitor image reversible	
Wire material:	Fiberglass rod	Skid -1/ -2/ -3	ø110 / ø150 / ø220mm	Monitor model:	16:9&4:3
Wire length:	60m/120m(standard)	<b>Li-ion Battery</b>		Sunshade	
Wire diameter:	ø9mm	Battery power:	14W		
Wheel material:	Stainless steel	Charge time:	5hours		
Meter counter & handle-brake		Protective voltage:	8.1V		
Fiberglass color:	Yellow	Work time:	≥260minutes		



Camera



Control Box



Cable Wheel



Monitor



Battery



Charger



Skids



Suitcase



Keyboard



# Model No. WPS712DKC-SCJ



50mm camera  
30PCS LEDs  
Self-level  
Waterproof IP68



M/Ft displaying



Text recording



Digital meter counter

Camera Head	Charger	Control part
Camera Size: ø50mmXL76mm	Input: AC100-240V~50/60Hz	Work current/supply: 400MA / DC12V
Spring: ø22.3mmX160mm	Output: DC 12V/1000MA	Storage medium: 8G SD card(max 32G) SD card reader
Sensor size: 1/3 inch Sony CCD	DC plug diameter: 2.1mm	Battery level display
View angle: 90°	<b>Keyboard</b>	Picture snap & movie record
Work current/supply: 250MA / DC12V	Size: 220LX118WX18Hmm	DVR Total Pixels: 720X576 (D1)
Camera light: 30PCS white LEDs	Language: English	Movie format: AVI
Resolution: 960TVLine	Interface: USB	Microphone Audio record
Glass material: Sapphire glass	Text Edit Line: PAL 27letter 14line NTSC 27letter 12line	Stereo earphone output
Shell material: Aluminum alloy	Max Edit Page: 4pages	Monitor size: 7inch digital color
Auto balance	<b>Skids</b>	Monitor pixels: 800X480
<b>Cable Wheel</b>	Skid -1 ø110mm	OSD language: English
Cable size: 770LX371WX810Hmm	Skid -2 ø150mm	Monitor image reversible
Wire material: Fiberglass rod	Skid -3 ø220mm	Monitor model: 16:9&4:3
Wire length: 60m/120m(standard)		Sunshade
Wire diameter: ø9mm		Battery power: 14W
Wheel material: Stainless steel		Charge time: 5hours
Meter counter & handle-brake		Work time: ≥260minutes
Fiberglass color: Yellow		



Camera



Control part



Cable Wheel



Charger



Skids



Keyboard

# Model No. WPS1512DSLKC



50mm camera  
30PCS LEDs  
Self-level  
Waterproof IP68  
512Hz transmitter



M/Ft displaying



15 inch TFT monitor



Digital meter counter

Camera Head	
Camera Size:	ø50mmXL84mm
Spring:	ø22.3mmX160mm
Transmitter:	512Hz
Sensor size:	1/3 inch Sony CCD
View angle:	120°
Work current/supply:	250MA / DC12V
Camera light:	30PCS white LEDs
Pixels:	960TVLine
Glass material:	Sapphire glass
Shell material:	Aluminum alloy
Auto balance	
Cable Wheel	
Cable size:	770LX371WX810Hmm
Wire material:	Fiberglass rod
Wire length:	60m/120m(standard)
Wire diameter:	ø9mm
Wheel material:	Stainless steel
Meter counter & handle-brake	
Fiberglass color:	Yellow

Monitor	
Size:	15 inch TFT color
Total Pixels:	800X600
Power supply:	DC 12V
Power consumption:	24W
OSD language:	English
Model:	4:3
Accumulator	
Total Power:	12AH
Charge time:	12 hours
Work time:	≥260minutes
Suitcase	
Size:	L460XW370XH180mm
Material:	Engineering plastics
Charger	
Input:	AC100-240V~50/60Hz
Output:	DC 12V/1000MA
DC plug diameter:	2.1mm

Control Box	
Work current/supply:	150MA / DC12V
Storage medium:	8G SD card(max 32G) SD card reader
Battery level display	
Picture snap & movie record	
DVR Total Pixels:	720X576 (D1)
Movie format:	AVI
Microphone Audio record	
Stereo earphone output	
Keyboard	
Size:	323(L)X130(W)X11(H)mm
Language:	English
Interface:	USB
Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line
Max Edit Page:	4pages
Skids	
Skid -1 / -2 / -3	ø110 / ø150 / ø220mm



Camera



Control Box



Cable Wheel



Monitor



Accumulator



Charger



Skids



Suitcase

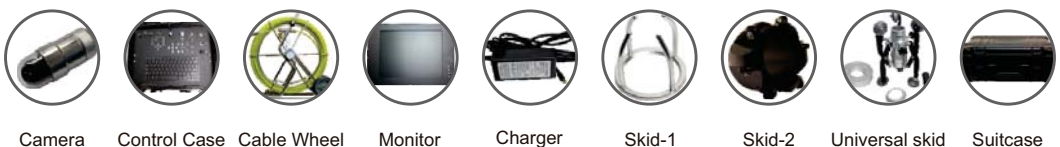


Keyboard

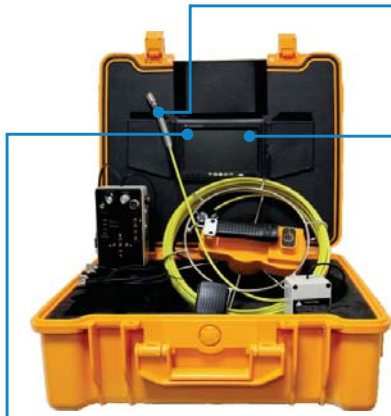
# Model No. WPS1512DSLKC-PT



Camera Head	Monitor	Control Case
Camera Size: ø43mmX86mm	Size: 15 inch TFT color	Work current/supply: 150MA / DC12V
Sensor size: 1/3 inch Sony CCD	Total Pixels: 800X600	Storage medium: 8G SD card(max 32G) SD card reader
View angle: 90°	Power supply: DC 12V	Battery level display
Camera light: 12PCS white LEDs	Power consumption: 24W	Picture snap & movie record
Pixels: 960TVL	OSD language: English	DVR Total Pixels: 720X576 (D1)
Rotation angle: Horizontal 360° Vertical 180°	Image reversible	Movie format: AVI
Shell material: Stainless steel	model: 4:3	Microphone Audio record
Waterproof: IP68	<b>Li-ion Battery</b>	Stereo earphone output
512Hz transmitter(optional)	Total Power: 30W	<b>Keyboard</b>
<b>Cable Wheel</b>	Charge time: 5hours	Size: 284(L)X122(W)X24(H)mm
Cable size: 770LX371WX810Hmm	Protective voltage: 8.1V	Language: English
Wire material: Fiberglass rod	Work time: ≥260minutes	Text Edit Line: PAL 27letter 14line NTSC 27letter 12line
Wire length: 60m/120m(standard)	<b>Suitcase</b>	Max Edit Page: 4pages
Wire diameter: ø9.5mm	Size: L460XW370XH180mm	<b>Charger</b>
Wheel material: Stainless steel	Material: Engineering plastics	Input: AC100-240V~50/60Hz
Meter counter & handle-brake	<b>Skids</b>	Output: DC 12V/3A
Fiberglass color: Yellow	Skid-1: ø53X58.7mm	DC plug diameter: 2.1mm
	Skid-2: ø90X65mm	
	Universal skid: 140~330mm(optional)	



# Model No. WPS713DNK-C17



17mm camera  
6PCS LEDs  
Waterproof IP68



Go through the 90°  
turn in 40mm pipe



Text recording



Video recording

Camera Head		Monitor		Control Box	
Camera Size:	ø17mmX21mm	Size:	7inch digital color	Work current/supply:	150MA / DC12V
Spring:	ø14.2mmX100mm	Total Pixels:	800X480	Storage medium:	8G SD card(max 32G) SD card reader
Sensor size:	1/4 inch	Work current/supply:	250MA / DC12V	Battery level display	
View angle:	60°	OSD language:	English	Picture snap & movie record	
Work current/supply:	80MA / DC12V	Image reversible		DVR Total Pixels:	720X576 (D1)
Camera light:	6PCS white LEDS	Model:	16:9&4:3	Movie format:	AVI
Resolution:	PAL: 720X576 NTSC: 720X480	Sunshade		Microphone Audio record	
Glass material:	Sapphire glass	<b>Li-ion Battery</b>		Stereo earphone output	
Shell material:	Stainless steel	Total Power:	14W	<b>Keyboard</b>	
<b>Cable Wheel</b>		Charge time:	5hours	Size:	220(L)X118(W)X18(H)mm
Cable size:	ø320mmX110(h)	Protective voltage:	8.1V	Language:	English
Wire material:	Fiberglass rod	Work time:	≥260minutes	Interface:	USB
Wire length:	20m(standard)	<b>Suitcase</b>		Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line
Wire diameter:	ø5.0mm	Size:	L520XW435XH200mm	Max Edit Page:	4pages
<b>Skid</b>		Material:	Engineering plastics		
Skid	ø24mm	<b>Charger</b>			
		Input:	AC100-240V~50/60Hz		
		Output:	DC 12V/1000MA		
		DC plug diameter:	2.1mm		



Camera    Control Box    Cable Wheel    Monitor    Battery    Charger    Skid    Suitcase    Keyboard

# Model No. WPS713DNC-C2327



23X27mm camera  
12PCS LEDs  
Waterproof IP68



Go through the 90°  
turn in 40mm pipe



M/Ft displaying



Video recording

Camera Head		Monitor		Control Box	
Camera Size:	ø23mmX27mm	Size:	7inch digital color	Work current/supply:	150MA / DC12V
Spring:	ø14.2mmX100mm	Total Pixels:	800X480	Storage medium:	8G SD card(max 32G) SD card reader
Sensor size:	1/4 inch	Work current/supply:	250MA / DC12V	Battery level display	
View angle:	120°	OSD language:	English	Picture snap & movie record	
Work current/supply:	100MA / DC12V	Image reversible		DVR Total Pixels:	720X576 (D1)
Camera light:	12PCS white LEDS	Model:	16:9&4:3	Movie format:	AVI
Pixels:	PAL: 720X576 NTSC: 720x480	Sunshade		Microphone Audio record	
Glass material:	Sapphire glass	<b>Li-ion Battery</b>		Stereo earphone output	
Shell material:	Stainless steel	Total Power:	14W	<b>Charger</b>	
<b>Cable Wheel</b>		Charge time:	5hours	Input:	AC100-240V~50/60Hz
Cable size:	ø320mmX110(h)	Protective voltage:	8.1V	Output:	DC 12V/1000MA
Wire material:	Fiberglass rod	Work time:	≥260minutes	DC plug diameter:	2.1mm
Wire length:	20m(standard)	<b>Suitcase</b>		<b>Skids</b>	
Wire diameter:	ø5.0mm	Size:	L520XW435XH200mm	Skid -1	ø40mm
Digital meter counter		Material:	Engineering plastics	Skid -2	ø80mm



Camera



Control Box



Cable Wheel



Monitor



Battery



Charger



Skids



Suitcase

# Model No. WPS1510DSK



Camera Head	
Camera Size:	ø23mmX120mm
Sensor size:	1/4 inch
View angle:	120°
Work current/supply:	100MA / DC12V
Camera light:	12PCS white LEDS
Resolution:	PAL: 720X576 NTSC: 720X480
Glass material:	Sapphire glass
Shell material:	Stainless steel

Cable Wheel	
Cable size:	ø320mmX110(h)
Wire material:	Fiberglass rod
Wire length:	20m(standard)
Wire diameter:	ø5.0mm

Skids	
Skid -1	ø40mm
Skid -2	ø80mm

Monitor	
Size:	15inch digital color
Total Pixels:	800X600
Work current/supply:	2A / DC12V
OSD language:	English
Image reversible	
Model:	16:9&4:3
Sunshade	

Accumulator	
Total Power:	12AH
Charge time:	12hours
Work time:	≥260minutes

Suitcase	
size:	L460XW370XH180mm
Material:	Engineering plastics

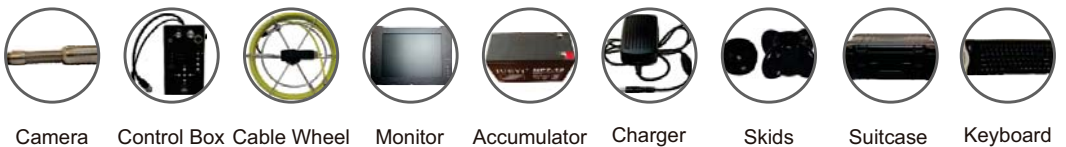
  

Charger	
Input:	AC100-240V~50/60Hz
Output:	DC 12V/1000MA
DC plug diameter:	2.1mm

Control Box	
Work current/supply:	150MA / DC12V
Storage medium:	8G SD card(max 32G) SD card reader
Battery level display	
Picture snap & movie record	
DVR Total Pixels:	720X576 (D1)
Movie format:	AVI
Microphone Audio record	
Stereo earphone output	

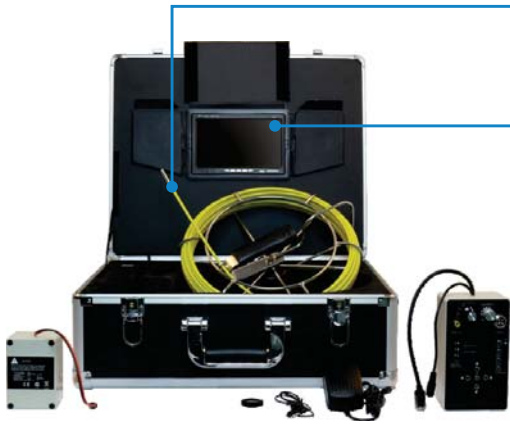
  

Keyboard	
Size:	323(L)X130(W)X11(H)mm
Language:	English
Interface:	USB
Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line
Max Edit Page:	4pages





# Model No. WPS710D5



6mm camera  
Waterproof IP68



12mm skid



Video recording

Camera Head		Monitor		Control Box	
Camera Size:	ø6mm	Size:	7inch digital color	Work current/supply:	150MA / DC12V
View angle:	60°	Total Pixels:	800X480	Storage medium:	8G SD card(max 32G) SD card reader
Work current:	150MA	Work current/supply:	150MA / DC12V	Battery level display	
Power supply:	DC 3.3V	OSD language:	English	Picture snap & movie record	
Camera light:	4PCS white LEDs	Image reversible		DVR Total Pixels:	720X576 (D1)
Resolution:	PAL: 720X625 NTSC: 720X525	Model:	16:9&4:3	Movie format:	AVI
Glass material:	Sapphire glass	Sunshade		Microphone Audio record	
Shell material:	Stainless steel	<b>Li-ion Battery</b>		Stereo earphone output	
<b>Cable Wheel</b>		Total Power:	14W	<b>Charger</b>	
Cable size:	ø320mmX110(h)	Charge time:	5hours	Input:	AC100-240V~50/60Hz
Wire material:	Fiberglass rod	Protective voltage:	8.1V	Output:	DC 12V/1000MA
Wire length:	20m(standard)	Work time:	≥260minutes	DC plug diameter:	2.1mm
Wire diameter:	ø5.0mm	<b>Suitcase</b>			
<b>Skid</b>		Size:	L480XW415XH200mm		
Skid	ø12mm	Material:	Fire board & Aluminum alloy		



Camera



Control Box



Cable Wheel



Monitor



Battery



Charger

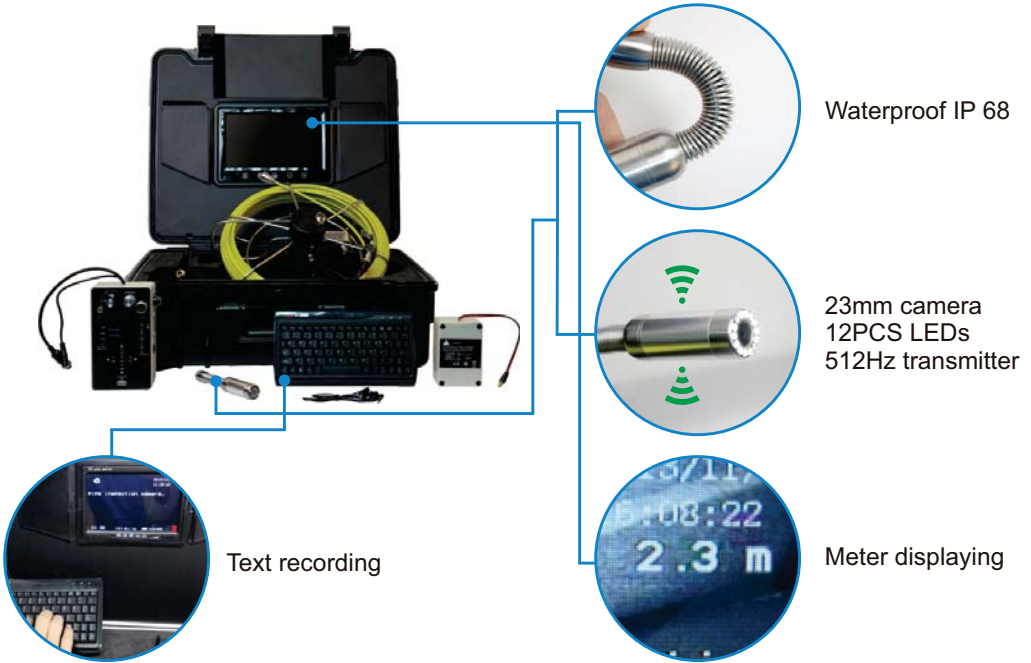


Skid

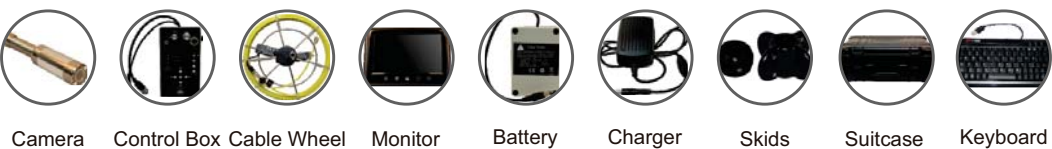


Suitcase

# Model No. WPS910DNLKC

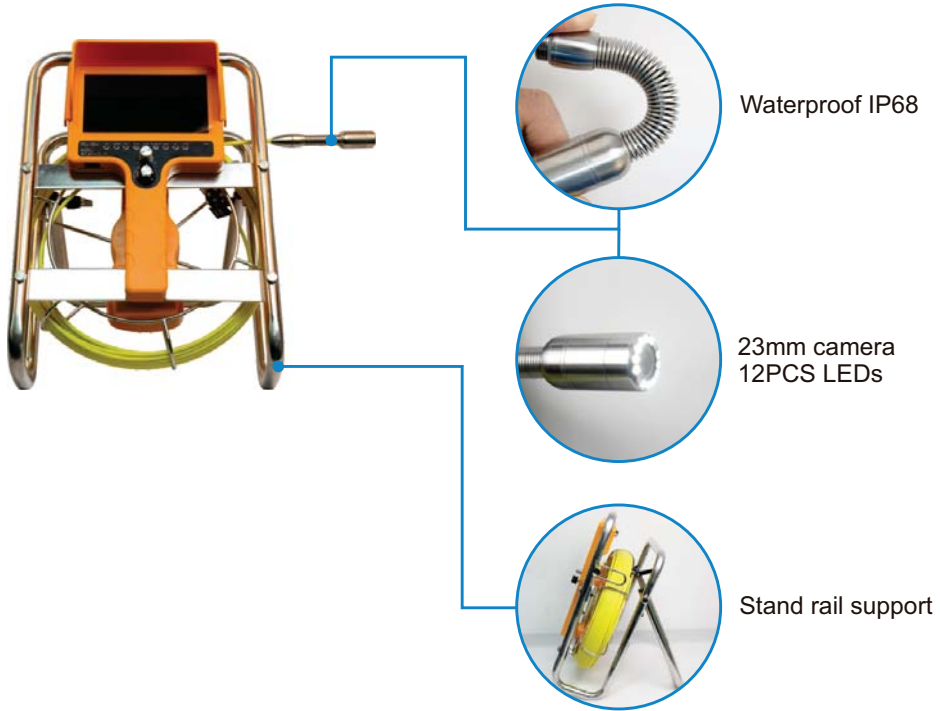


Camera Head		Monitor		Control Box	
Camera Size:	ø23mmX141mm	Size:	9 inch digital color	Work current/supply:	150MA / DC12V
Sensor size:	1/4 inch	Total Pixels:	800X480	Storage medium:	8G SD card(max 32G) SD card reader
Transmitter:	512Hz	Power supply:	DC 12V	Battery level display	
View angle:	120°	OSD language:	English	Picture snap & movie record	
Work current/supply:	100MA / DC12V	Image reversible		DVR Total Pixels:	720X576 (D1)
Camera light:	12PCS white LEDs	Model:	16:9	Movie format:	AVI
Resolution:	PAL: 720X576 NTSC: 720x480	Sunshade		Microphone Audio record	
Glass material:	Sapphire glass	<b>Li-ion Battery</b>		Stereo earphone output	
Shell material:	Stainless steel	Total Power:	14W	<b>Keyboard</b>	
<b>Cable Wheel</b>		Charge time:	5hours	Size:	220(L)X118(W)X18(H)mm
Cable size:	ø320mmX110(h)	Protective voltage:	8.1V	Language:	English
Wire material:	Fiberglass rod	Work time:	≥260minutes	Interface:	USB
Wire length:	20m(standard)	<b>Suitcase</b>		Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line
Wire diameter:	ø5.0mm	Size:	L520XW435XH200mm	Max Edit Page:	4pages
Cable counter:	Yes	Material:	Engineering plastics		
<b>Skids</b>		<b>Charger</b>			
Skid -1	ø40mm	Input:	AC100-240V~50/60Hz		
Skid -2	ø80mm	Output:	DC 12V/1000MA		
		DC plug diameter:	2.1mm		



Camera    Control Box    Cable Wheel    Monitor    Battery    Charger    Skids    Suitcase    Keyboard

# Model No. WPS713DN-SCJ



Camera Head		Suitcase		Control part	
Camera Size:	ø23mmX120mm	Size:	L520XW435XH200mm	Work current/supply:	400MA / DC12V
Sensor size:	1/4 inch	Material:	Engineering plastics	Storage medium:	8G SD card(max 32G) SD card reader
View angle:	120°	<b>Charger</b>		Battery level display	
Work current/supply:	100MA / DC12V	Input:	AC100-240V~50/60Hz	Picture snap & movie record	
Camera light:	12PCS white LEDS	Output:	DC 12V/1000MA	DVR Total Pixels:	720X576 (D1)
Resolution:	PAL: 720X576 NTSC: 720X480	DC plug diameter:	2.1mm	Movie format:	AVI
Glass material:	Sapphire glass	<b>Keyboard</b>		Microphone Audio record	
Shell material:	Stainless steel	Size:	220LX118WX18Hmm	Stereo earphone output	
<b>Cable Wheel</b>		Language:	English	Monitor size:	7inch digital color
Cable size:	L430XW330XH175mm	Interface:	USB	Monitor pixels:	800X480
Wire material:	Fiberglass rod	Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line	OSD language:	English
Wire length:	20m(standard)	Max Edit Page:	4pages	Monitor image reversible	
Wire diameter:	ø5.0mm			Monitor model:	16:9&4:3
<b>Skids</b>				Battery power:	14W
Skid -1	ø40mm			Charge time:	5hours
Skid -2	ø80mm			Work time:	≥260minutes



Camera



Control part



Battery



Charger

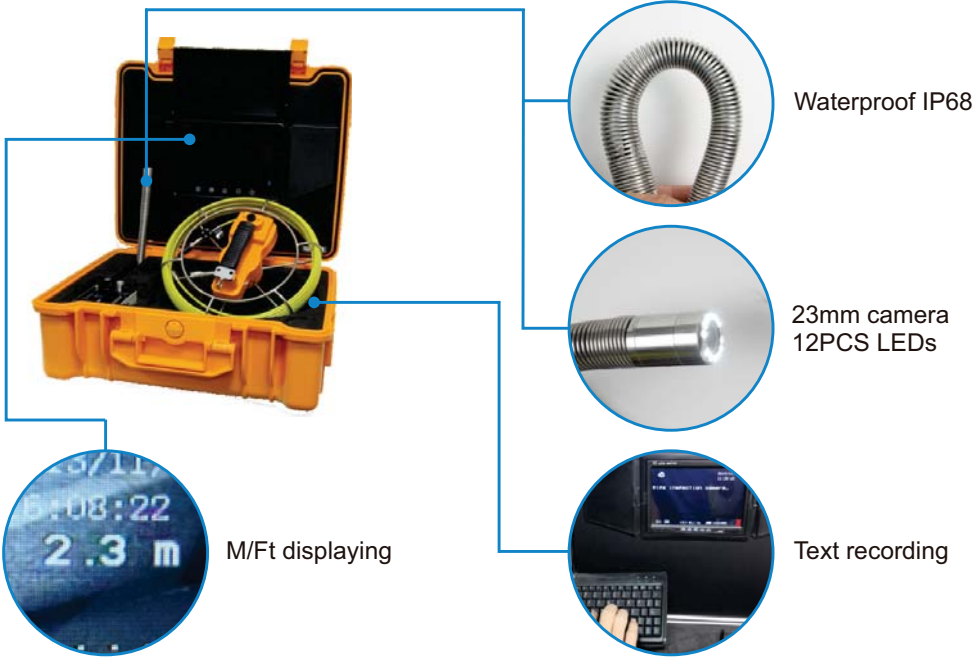


Skids

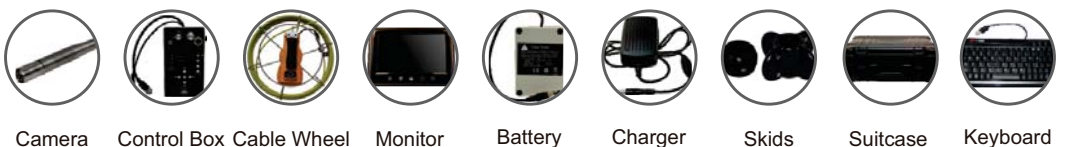


Suitcase

# Model No. WPS913DNKC2



Camera Head	Monitor	Control Box
Camera size: ø23mmX35mm	Size: 9inch digital color	Work current/supply: 200MA / DC12V
Spring length: ø22.6mmX200mm	Total Pixels: 800X480	Storage medium: 8G SD card(max 32G) SD card reader
Sensor size: 1/4 inch	Power supply: DC 12V	Battery level display
View angle: 120°	OSD language: English	Picture snap & movie record
Work current/supply: 100MA / DC12V	Image reversible	DVR Total Pixels: 720X576 (D1)
Camera light: 12PCS white LEDs	Model: 16:9	Movie format: AVI
Resolution: PAL: 720X576 NTSC: 720X480	Sunshade	Microphone Audio record
Glass material: Sapphire glass	<b>Li-ion Battery</b>	Stereo earphone output
Shell material: Stainless steel	Total Power: 14W	<b>Keyboard</b>
<b>Cable Wheel</b>	Charge time: 5hours	Size: 220(L)X118(W)X18(H)mm
Cable size: ø330mmX110(h)	Protective voltage: 8.1V	Language: English
Wire material: Fiberglass rod	Work time: ≥260minutes	Interface: USB
Wire length: 20m(standard)	<b>Suitcase</b>	Text Edit Line: PAL 27letter 14line NTSC 27letter 12line
Wire diameter: ø5.0mm	Size: L520XW435XH200mm	Max Edit Page: 4pages
Cable counter: Yes	Material: Engineering plastics	
<b>Skids</b>	<b>Charger</b>	
Skid -1 ø40mm	Input: AC100-240V~50/60Hz	
Skid -2 ø80mm	Output: DC 12V/1000MA	
	DC plug diameter: 2.1mm	



# 02

## Locator

### Model No. WPS512R & WPS512T

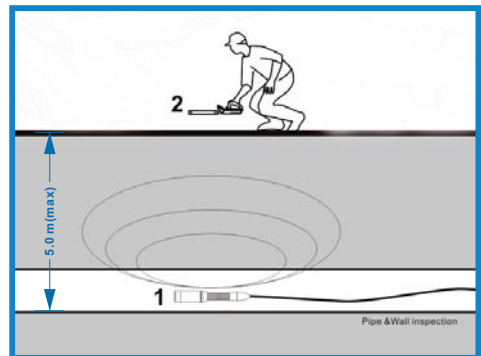


WPS512T	
Frequency:	512Hz
Modulation:	FM
Power source:	#357 button cell noncharge, 1.5V
Battery life:	4 hours
Size:	ø22.5X48(L)mm
Range(non-metallic):	up to 15ft
Min. line size:	1"
Min. P-trap size:	2"

WPS512T1	
Frequency:	512Hz
Modulation:	FM
Power source:	#357 button cell noncharge, 1.5V
Battery life:	3-4 hours
Size:	ø16X45(L)mm
Range(non-metallic):	up to 14.8ft
Min. line size:	1"
Min. P-trap size:	2"

WPS512R	
Frequency:	512Hz
Power source:	6 AA Alkaline
Battery life:	3-4 hours
Size:	512LX110WX118Hmm
Weight:	810G
Operating temperature:	-20 to + 50 °C
Control:	On-Off / Sensitivity
Output:	Signal strength meter, speaker

## Application domain



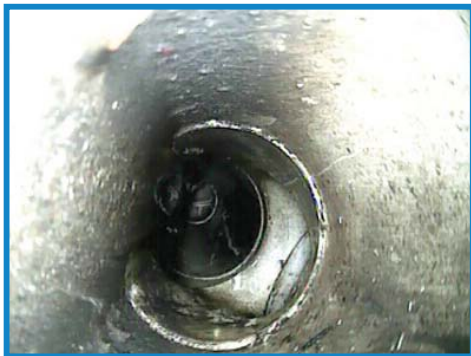


# 03

## Deep well inspection camera



### Application domain





# Model No. WPS15RXDSKC-PT



Digital meter counter  
Accuracy 0.05m



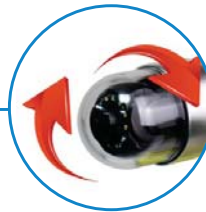
Text recording



15 inch monitor



M/Ft displaying



Waterproof IP68  
12PCS LEDs  
1/3 inch Sony CCD  
360° Panning  
180° Tilting

Camera Head		Monitor		Control Case	
Camera Size:	ø43mmX132mm	Size:	15 inch TFT color	Work current/supply:	150MA / DC12V
Sensor size:	1/3 inch CCD	Total Pixels:	800X600	Storage medium:	8G SD card(max 32G) SD card reader
View angle:	90°	power supply:	DC 12V	Battery level display	
Camera light:	12PCS white LEDS	Power consumption:	24W	Picture snap & movie record	
Pixels:	960TVL	OSD language:	English	DVR Total Pixels:	720X576 (D1)
Rotation angle:	Horizontal 360° Vertical 180°	Image reversible		Movie format:	AVI
Shell material:	SST 316L	model:	4:3	Microphone Audio record	
Waterproof:	IP68	<b>Li-ion Battery</b>		Stereo earphone output	
<b>Cable Wheel</b>		Total Power:	30W	Keyboard Language: English	
Cable size:	500LX521WX370Hmm	Charge time:	5hours	Keyboard Text Edit Line:	PAL 27letter 14line NTSC 27letter 12line
Wire material:	PE	Protective voltage:	8.1V	Max Edit Page:	4pages
Wire length:	300m(standard)	Work time:	≥260minutes	<b>Charger</b>	
Wire diameter:	ø6.8mm	<b>Suitcase</b>		Input:	AC100-240V~50/60Hz
Wheel material:	Stainless steel	Size:	L460XW370XH180mm	Output:	DC 12V/3A
Meter counter & handle-brake		Material:	Engineering plastics	DC plug diameter:	2.1mm
Fiberglass color:	Black	<b>Skid</b>			
		Skid	ø53X58.7mm		



Camera



Control Case



Cable Wheel



Monitor



Charger



Skid



Suitcase

# 04

## Chimney inspection camera ▶

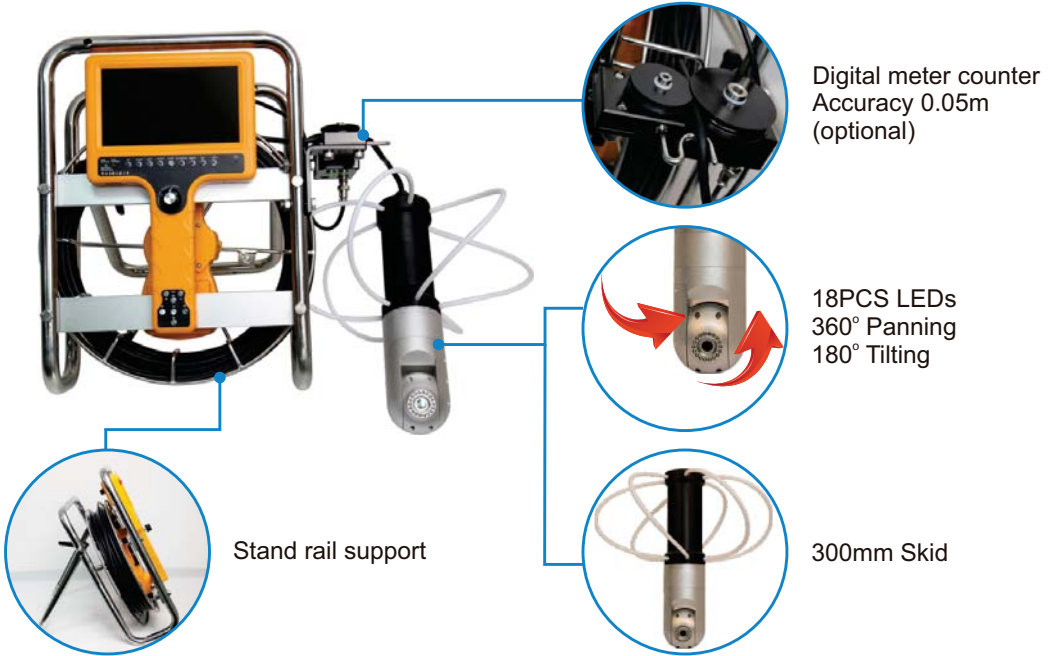


P31

### Application domain



# Model No. WPS140R



### Camera Head

Camera Size:	ø70mmX140mm
Rotation angle:	Horizontal 360°, Vertical 180°
Sensor size:	1/4 inch
View angle:	90°
Camera light:	18PCS white LEDs
Resolution:	PAL: 720X576 NTSC: 720X480
Glass material:	Sapphire glass
Shell material:	Aluminum alloy

### Cable Wheel

Cable size:	430LX330WX175Hmm
Cable length:	20m(standard)
Cable diameter:	ø6.5mm
Wheel material:	Stainless steel
Meter counter(optional)	
Cable color:	Black

### Suitcase

Size:	L520XW475XH200mm
Material:	Engineering plastics
Case weight:	5.9kg
Waterproof	
Color:	Orange/green/black

### Charger

Input:	AC100-240V~50/60Hz
Output:	DC 12V/1000MA
DC plug diameter:	2.1mm

### Skid

Skid	ø300mm
------	--------

### Control part

Work current/supply:	400MA / DC12V
Storage medium:	8G SD card(max 32G) SD card reader
Battery level display	
Picture snap & movie record	
DVR Total Pixels:	720X576 (D1)
Movie format:	AVI
Microphone Audio record	
Stereo earphone output	
Monitor size:	7inch digital color
Monitor pixels:	800X480
OSD language:	English
Monitor image reversible	
Monitor model:	16:9&4:3
Sunshade	
Battery power:	14W
Charge time:	5hours
Protective voltage:	8.1V
Work time:	≥260minutes



Camera



Control part



Cable Wheel



Charger



Meter counter (optional)



Skid



Suitcase

# 05

## Telescopic inspection camera



### Application domain



# Model No. WPS-4LG



23mm camera  
Waterproof IP68



Optional:  
Carbon fiber extended  
to 5 meters available  
electric insulation



Portable

Camera Head		Monitor		Control part	
Camera Size:	ø23mmX510mm	Size:	4.3 inch TFT color	Work supply:	DC4.2V
Sensor size:	1/4 inch	Resolution:	480X272	Storage medium:	8G SD card(max 32G) SD card reader
View angle:	120°	Power supply:	DC 5V	Battery level display	
Camera light:	12PCS white LEDS	OSD language:	English	Picture snap & movie record	
Resolution:	PAL: 720X576 NTSC: 720X480	Image reversible		DVR Total Pixels:	720X576 (D1)
Glass material:	Sapphire glass	Model:	16:9	Movie format:	AVI
Shell material:	Stainless steel	<b>18650 Li-ion Battery</b>		Microphone Audio record	
<b>Telescopic pole</b>		Battery amount:	2 pieces	Stereo earphone output	
Pole material:	Carbon fiber	Capacity:	Total 5200MAH	<b>Charger</b>	
Joints of telescopic pole:	3 joints	Charge time:	4hours	Input:	AC100-240V~50/60Hz
Minimum length:	1080mm	Work time:	≥200minutes	Output:	DC 4.2V/2A
Maximum length:	2850mm	Connection mode:	Paralleling	<b>Suitcase</b>	
Total length:	3600mm	<b>Suitcase</b>			
Extended length:	1m/pole	Size:	L1145XW250XH125mm		
		Material:	Fire board & Aluminum alloy		



Camera



Control part



Monitor



Pole



Battery



Charger



Suitcase

# 06

## Optional parts ▶

**C23L1**



ø23X125mm camera with short transmitter

**C28**



ø28mm self-level camera

**C509**



84PCS LEDs self-level camera

**S23-150**



Plastic skid with wheels for ø23mm camera

**S50-150S**



Skid with stainless steel wheels for ø50mm camera

**S50-US/S40-US**



Universal skids for ø50 & ø43mm camera (fit-in light isn't suitable for ø50mm)

**X-11**



10m underwater soft cable and ø23mm camera

**CC**



Charger used in car

**X-10C**



Blue cable

**R-14**



Wheels for 14 cable

**23-40A/23-50A**



Adaptor between ø23 & ø40/50mm camera

**C6-HM**



Mirror & hook & magnet for 6mm camera