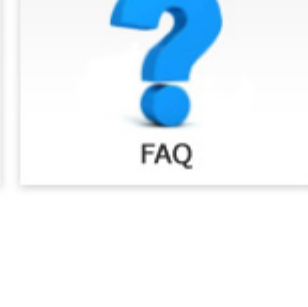
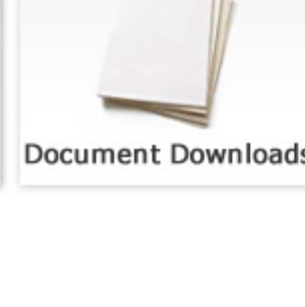
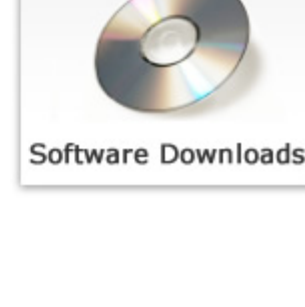


# Industrial Endoscopes - Specifications and Models

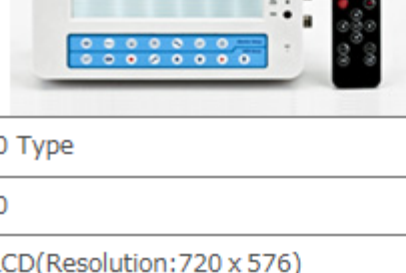


**Outline** Hand-held Controller

**Features** This is a series of industrial endoscopes that can be used for in-pipe inspections and a range of other fields and applications. With German design and Taiwanese manufacturing, the series offers exceptional cost performance.



## Hand Controller



	Monitor Type	V70 Type	USB Type
Model No.	V55N	V70	US1-CS
Monitor	3.5"LCD(Resolution:720 x 640)	7"LCD(Resolution:720 x 576)	Depends on connected PC
Still Image Format	JPEG	JPEG	JPEG
Video Format	MPEG4	MPEG4/AVI	MPEG4
Data Storage	SD Card (4GB included)	Micro SD Card (4GB included)	Depends on connected PC
External Output	Video Output (NTSC/PAL)		USB
	USB (1.1/2.0) *Data transmission only	USB(1.1/2.0)	-
Power	100-240VAC in/5.5VDC out * AC adapter included	100-240vac in/13.5Vdc out	USB bus power
	Main unit: Fitted with replaceable lithium ion battery	Replaceable lithium ion battery	-
Operating Temperature	-20 - 60°C	-20 - 60°C	-20 - 60°C
Other Functions	LED light modulation, image (video/still image) storage	LED light modulation, image (video/still image) storage	LED light modulation
	Mirror inverting, language switch (English, Japanese and 17 other languages)	Mirror inverting, language switch (English, Japanese and 7 other languages)	Image Storage
	Integrated speaker, x 8 digital zoom	Recording function, fast forward/reverse, with infrared remote control	

## Probe Model List

Model Name	Probe Type	LED (quantity)	Pixel Count	Model No.	Depth of Field (position where subject is in focus)	Viewing Angle (FOV)							
Probe 3.9-1m	Flex	2LED	0.4 Megapixel	40P-39310100	10~50mm	90°							
Probe 3.9-2m				40P-39310200									
Probe 3.9-3m				40P-39310300									
Probe 3.9-5m				40P-39310500									
Probe 3.9-1m	Flex	2LED	0.1 Megapixel	39010100	10~15mm	67°							
Probe 3.9-2m				39010200									
Probe 3.9-3m				39010300									
Probe 3.9-5m				39010500									
Probe 3.9-10m				390101000									
Probe 3.9-20m				390102000									
Probe 3.9-30m	390103000												
Probe 3.9-1m	Semi-rigid	2LED	0.1 Megapixel	39020100	10~15mm	67°							
Probe 3.9-2m				39020200									
Probe 3.9-3m				39020300									
Probe 3.9-1m	Metal Blade	2LED	0.1 Megapixel	39040100	10~15mm	67°							
Probe 3.9-2m				39040200									
Probe 3.9-3m				39040300									
Probe 4.3-1m	Flex	4LED	0.1 Megapixel	43010100	20~50mm	67°							
Probe 4.3-2m				43010200									
Probe 4.3-3m				43010300									
Probe 4.3-5m				43010500									
Probe 4.3-10m				430101000									
Probe 4.3-20m				430102000									
Probe 4.3-30m	430103000												
Probe 4.3-1m	Semi-rigid	4LED	0.1 Megapixel	43020100	20~50mm	67°							
Probe 4.3-2m				43020200									
Probe 4.3-3m				43020300									
Probe 4.3-1m	Metal Blade	4LED	0.1 Megapixel	43040100	20~50mm	67°							
Probe 4.3-2m				43040200									
Probe 4.3-3m				43040300									
Probe 5.5-1m	Flex	4LED	0.45 Megapixel	55010100	20~70mm	67°							
Probe 5.5-2m				55010200									
Probe 5.5-3m				55010300									
Probe 5.5-5m				55010500									
Probe 5.5-10m				550101000									
Probe 5.5-20m				550102000									
Probe 5.5-30m	550103000												
Probe 5.8-1m	Semi-rigid	4LED	0.45 Megapixel	58020100	20~70mm	67°							
Probe 5.8-2m				58020200									
Probe 5.8-3m				58020300									
Probe 5.8-5m				58020500									
Probe 8-1m	Flex	6LED	0.45 Megapixel	80010100	20~70mm	67°							
Probe 8-2m				80010200									
Probe 8-3m				80010300									
Probe 8-5m				80010500									
Probe 8-6m				80010600									
Probe 8-10m				800101000									
Probe 8-1m	Semi-rigid	6LED	0.45 Megapixel	80020100	80mm - infinity (Auto-focus)	67°							
Probe 8-2m				80020200									
Probe 8-3m				80020300									
L-type Probe 6.5-1m	Flex	4LED Side-viewing 90°	0.45 Megapixel	65110100-7	7mm	67°							
L-type Probe 6.5-2m				65110200-7									
L-type Probe 6.5-3m				65110300-7									
L-type Probe 6.5-5m				65110500-7									
L-type Probe 6.5-10m				651101000-7									
L-type Probe 6.5-1m	Semi-rigid	4LED Side-viewing 90°	0.45 Megapixel	65120100-7	7mm	67°							
L-type Probe 6.5-2m				65120200-7									
L-type Probe 6.5-3m				65120300-7									
L-type Probe 6.5-1m	Flex	4LED Side-viewing 90°	0.45 Megapixel	65110100-20	20mm~70mm	67°							
L-type Probe 6.5-2m				65110200-20									
L-type Probe 6.5-3m				65110300-20									
L-type Probe 6.5-5m				65110500-20									
L-type Probe 6.5-10m	651101000-20												
L-type Probe 6.5-1m	Semi-rigid	4LED Side-viewing 90°	0.45 Megapixel	65120100-20	20mm~70mm	67°							
L-type Probe 6.5-2m				65120200-20									
L-type Probe 6.5-3m				65120300-20									
Swivel Probe 3.9-1m	Metal Blade	2LED	0.1 Megapixel	39050100MAN21	10mm~15mm	67°+Swivel							
Swivel Probe 3.9-2m				39050200MAN21									
Swivel Probe 3.9-1m	Metal Blade	2LED	0.4 Megapixel	40P-393100FAN	10mm~50mm	90°+Swivel							
Swivel Probe 3.9-2m				40P-393200FAN									
Swivel Probe 4.3-1m	Metal Blade	4LED	0.1 Megapixel	43050100MAN21	20mm~50mm	67°+Swivel							
Swivel Probe 4.3-2m				43050200MAN21									
Swivel Probe 5.5-1m	Metal Blade	4LED	0.45 Megapixel	553040100MAN21	20mm~70mm	67°+Swivel							
Swivel Probe 5.5-2m				553040200MAN21									
Swivel Probe 5.5-3m				553040300MAN21									
Swivel Probe 8.0-1m	Metal Blade	6LED	0.45 Megapixel	80040100MAN21	20mm~70mm	67°+Swivel							
Swivel Probe 8.0-2m				80040200MAN21									
Swivel Probe 8.0-3m				80040300MAN21									
Swivel Probe 12-1m	Metal Blade	2LED (Intense LED)	0.45 Megapixel	12040100MAN21	80mm - infinity (Auto-focus)	67°+Swivel							
Swivel Probe 12-2m				12040200MAN21									
Swivel Probe 12-3m				12040300MAN21									
Swivel Probe 16-1m	Metal Blade	4LED (Intense LED)	0.45 Megapixel	16040100MAN21	80mm - infinity (Auto-focus)	67°+Swivel							
Swivel Probe 16-2m				16040200MAN21									
Swivel Probe 16-3m				16040300MAN21									
Swivel Probe 5.5-30cm	Rigid swivel	4LED	0.45 Megapixel	5530RAN21	20~70mm	67°+Swivel							
Swivel Probe 5.5-45cm				5545RAN21									
Swivel Probe 5.5-70cm				5570RAN21									
Swivel Probe 8.0-30cm	Metal Blade	6LED	0.45 Megapixel	80040030MAT1	20mm~70mm	67°+Swivel							
Stainless Steel 3.9-15cm				Rigid 360° Rotation				2LED	0.1 Megapixel	39031015	10-15mm	67°	
Stainless Steel 3.9-30cm										39031030			
Stainless Steel 3.9-45cm	39031045												
Stainless Steel 3.9-70cm	39031070												
Stainless Steel 4.3-15cm	Rigid 360° Rotation	4LED	0.1 Megapixel	43031015	20-50mm	67°							
Stainless Steel 4.3-30cm				43031030									
Stainless Steel 4.3-45cm				43031045									
Stainless Steel 4.3-70cm				43031070									
Stainless Steel 6.0-15cm	Rigid 360° Rotation	4LED	0.45 Megapixel	60031015	20-70mm	67°							
Stainless Steel 6.0-30cm				60031030									
Stainless Steel 6.0-45cm				60031045									
Stainless Steel 6.0-70cm				60031070									
Stainless Steel 12-30cm-30°	Rigid	6LED	0.45 Megapixel	12132030-30	15-30mm	67°							
Stainless Steel 12-45cm-30°				12132045-30									
Stainless Steel 12-70cm-30°				12132070-30									
Stainless Steel 12-30cm-90°		4LED	0.45 Megapixel	0.45 Megapixel	12132030-90	20-70mm	67°						
Stainless Steel 12-45cm-90°					12132045-90								
Stainless Steel 12-70cm-90°					12132070-90								
L-type Stainless Steel 6.5-15cm	Rigid 360° Rotation	4LED 90°	0.45 Megapixel	65131015-7	7mm	67°							
L-type Stainless Steel 6.5-30cm				65131030-7									
L-type Stainless Steel 6.5-45cm				65131045-7									
L-type Stainless Steel 6.5-70cm				65131070-7									
L-type Stainless Steel 6.5-2m				651310200-7									
L-type Stainless Steel 6.5-15cm	Rigid 360° Rotation	4LED 90°	0.45 Megapixel	65131015-20	20-70mm	67°							
L-type Stainless Steel 6.5-30cm				65131030-20									
L-type Stainless Steel 6.5-45cm				65131045-20									
L-type Stainless Steel 6.5-70cm				65131070-20									
L-type Stainless Steel 6.5-2m				651310200-20									
Auto-Focus 25mm-3m	Auto-Focus q25mm (Black Cable)	12LED	0.3 Megapixel	OD25080D-E3	80mm~∞	60°							
Auto-Focus 25mm-5m				OD25080D-E5									
Auto-Focus 25mm-10m				OD25080D-E10									
Auto-Focus 25mm-10m	Auto-Focus q25mm (Yellow cable)	12LED	0.3 Megapixel	25080D-10M	80mm~∞	60°							
Auto-Focus 25mm-20m				25080D-20M									
Auto-Focus 25mm-30m				25080D-30M									
Auto-Focus 25mm-40m				25080D-40M									
Fiberglass 20mm-10m	Fiberglass q20mm	12LED	0.3 Megapixel	200X-10M	80mm~∞	60°							
Fiberglass 20mm-20m				200X-20M									
Fiberglass 20mm-30m				200X-30M									
Fiberglass 20mm-40m				200X-40M									
Fiberglass 40mm-60m	Fiberglass q40mm	18LED	0.3 Megapixel	400X-60M	150mm - infinity (Auto-focus)	60°							
Fiberglass 50mm-60m				500X-60M									
Fiberglass 50mm-120m	Fiberglass q50mm	18LED	0.3 Megapixel	500X-120M	150mm - infinity (Auto-focus)	60°							
1.05 Megapixel CCD Camera Set (Main unit and probe set)				V55CCD3527									
1.05 Megapixel CCD Camera Set (7" monitor and probe set)				V70CCD3527080-1-US									

## Accessory Model List

Model Name	Specification	Model No.	Compatible Probe Diameter	Angle of View	
Extension Cable 1m	Extension cable between hand controller and probe	E-11100	4.3mm	35~70° range	
Extension Cable 2m		E-11200			
Extension Cable 3m		E-11300			
Extension Cable 5m		E-11500			
Extension Cable 10m		E-111000			
Extension Cable 1m		E-40100			
Extension Cable 2m	E-40200				
Model Name	Specification	Model No.	Compatible Probe Diameter	Angle of View	
Side-viewing Mirror	70° for 4.3	S45-35	4.3mm	35~70° range	
	90° for 4.3	S45-45	4.3mm	45~90° range	
	110° for 4.3	S45-55	4.3mm	55~110° range	
	70° for 5.5	S55-35	5.5mm	35~70° range	
	90° for 5.5	S55-45	5.5mm	45~90° range	
	110° for 5.5	S55-55	5.5mm	55~110° range	
	70° for 8.0	S80-35	8.0mm	35~70° range	
	90° for 8.0	S80-45	8.0mm	45~90° range	
	110° for 8.0	S80-55	8.0mm	55~110° range	