



### A. Typical Applications

Item	Parameter	Detail
Pipe Diameter	50mm (2 Inch) – 75mm (3 Inch)	
Pipe Joints	75mm (3 Inch) P-Trap , 50mm (2 Inch) 90 degree bend,	

### B. Cable Reel

Item	Parameter	Detail
Cable Length	30m (100 ft.) (Standard)	Fiberglass epoxy rod with Kevlar strength layer. Abrasion and water resistant high impact copolymer outer sheath - 1800kg (4000lbs) nominal breaking strain. Epoxy potted connection. 60m (200 ft.) (Optional)
Cable Diameter	10mm (0.4 Inch)	
Dimension	530mm(H) x 490mm(W) x 230mm(L) 21 Inch (H) x 20 Inch (W) x 9 Inch (L)	
Weight	14KG (32lbs)	
Sonde Frequency	512Hz or 640Hz	(changed by internal link)
Sonde Current	200mA	3 Watt
Sonde Range	Typically 3m (10 ft.)	
Interconnect Cable	Length: 5m (16 ft.) Diameter: 8mm (0.3 Inch)	
Battery	1.2V NI-MH x 10 Pcs	Rechargeable battery
Battery Life	300 Charging cycles	
Battery Capacity	- 20 hours when use lights only - 10 hours when use both Sonde and light	21°C (70°F)

### C. Camera (Standard)

Item	Parameter	Detail
Dimension	25mm(D) x 34mm(L) 1 Inch(D) x 1.3 Inch (L)	- Without skid - Stainless steel coat
Weight	123g (0.27lbs)	
Camera Type	Color CMOS camera. PAL and NTSC formats available	
Horizontal Resolution	380 TVL	



# vCam *Mini* Data sheet (English)



Focus Point	300mm (11.8Inch)	
Lighting	6000 MCD LED x 12Pcs	
Min. illumination	3LUX	
Lens Angle	69°	
Current Consumptions	50mA	
Removable Skid	Aluminum skid: 35mm(D) x 24mm(L) 1.4 inch (D) x 1 inch (L)	Removable tool: 2mm Hex Key (Allen Key)

## D. Camera (Self leveling)

Item	Parameter	Detail
Dimension	32mm(D) x 50mm(L) 1.3Inch (D) x 2Inch (L)	- Without skid - Stainless steel coat
Weight	218g (0.48 lbs)	
Camera Type	Color CCD camera. Available in PAL and NTSC format	
Horizontal Resolution	420TVL	
Focus Point	300mm (11.8 Inch)	
Lighting	6000 MCD LED x 12Pcs	
Min illumination	0.5 LUX	
Current Consumptions	100mA	
Removable Skid	Aluminum skid: 41mm(D) x 36mm(L) 1.6 inch (D) x 1.4 inch (L)	Removable tool: 2mm Hex Key (Allen Key)

## E. Control Module:

Item	Parameter	Detail
Dimension	275mm(H) x 210mm(W) x 165mm(L) 10.8 Inch (H) x 8.3 Inch (W) x 5.8 Inch (L)	
Weight	6.5KG (14.31lbs)	
Power Supply	DC 12V	
Display	8" LCD	
Counter incremental	Magnetic sensor 0.5 ft. (15cm)	Output on screen
Video Out	Standard RCA Socket	
Standard Data	DISTANCE	In feet
Screen Position	Adjustable position	Changes by pressing 'L/R' & 'U/D' button on remote control.
Battery	1.2V NI-MH x 10 Pcs	Rechargeable battery
Battery Life	300 Charging cycles	
Battery Capacity	10 hours	21°C (70°F)



**F. Environmental:**

Item	Parameter	Detail
Camera	Water resistance up to 1m depth	
Reel	Water resistance up to IP54	Can be hosed down or pressured washed.
Control Module	Lid Closed – Water resistance Lid open – Not water resistance	Light Shower
Temperature	Storage: -10 to +50 degree Celsius Operate: 0 to +40 degree Celsius	
Shipping (Dimensions)	<b>Control Module:</b> 360mm (H) x 290mm (W) x 200mm (L) <i>14 Inch (H) x 11 Inch (W) x 7.9 Inch (L)</i> <b>Weight: 1.3KG (2.9 lbs)</b>  <b>Reel:</b> 590mm (H) x 580mm (W) x 260mm (L) <i>23 Inch (H) x 22.8 Inch (W) x 10 Inch (L)</i> <b>Weight: 6.2KG (13.7 lbs)</b>	Carton packaging

**G. Options:**

Item	Parameter	Detail
<b>Pushrod Cables</b>	60m (200 ft.)	

**H. Warranty:**

Item	Parameter	Detail
<b>Standard limited warranty</b>	one year	

**J. Warnings:**

Dimensions and weight conversions are approximate (metric data is the most accurate)

VIVAX continues to update and improved its products – information on this data sheet may have changed or been superseded – check with your local sales representative or VIVAX for up dates.