



# BUSINESS & EDUCATION

Technology Solutions

2020 Vol 1

Leading through Service and Innovation

Video C



Sales - Service - Imports - Manufacturing -  
Repairs - Installation



**Visual Works**

Your Audio Visual and Multimedia Specialist

# Services



**Visual Works**  
Your Audio Visual and Multimedia Specialist

Sales

Manufacturing

Installations

Service & Repairs

Hire

RENTAL

Integrated Audio Visual Solutions  
all under one roof



- A Projector designed for every application -

**Home Cinema**

**EPSON®**  
EXCEED YOUR VISION



**Long Throw**

**EPSON®**  
EXCEED YOUR VISION



**Short Throw**

**EPSON®**  
EXCEED YOUR VISION



**Ultra Short**

**EPSON®**  
EXCEED YOUR VISION



**Portable**

**EPSON®**  
EXCEED YOUR VISION



**Laser**

**EPSON®**  
EXCEED YOUR VISION



**Digital Signage**

**EPSON®**  
EXCEED YOUR VISION



**Mini Projectors**



**LG**



We supply most projector models

**acer**

**BenQ**

**EPSON®**  
EXCEED YOUR VISION

**InFocus**

**PARROT**  
PRODUCTS

**NEC**

**Optoma**

# Projector Lamps

REPLACE YOUR  
VISUAL EXPERIENCE



A replacement lamp for every possible projector brand

## EXCELLENT QUALITY AT OUTSTANDING PRICES

- Original manufacturers bulbs sourced
- Lamps with housing
- 15 - 25% less than projector brands
- Wide range of projector lamps / bulb brands
- Lamp warrantee applicable



We supply all projector models replacement lamps

acer

BenQ

EPSON®  
EXCEED YOUR VISION

InFocus

PARROT  
PRODUCTS

NEC

Optoma



# Projection Screens



## Pulldown Screens

### Standard Screen sizes

#### 1:1 Ratio

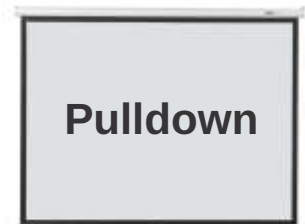
1270 x 1270mm  
1520 x 1520mm  
1830 x 1830mm  
2130 x 2130mm  
2440 x 2440mm  
3050 x 3050mm

#### 4:3 Ratio

1760 x 1330mm  
1800 x 1350mm  
2000 x 1500mm  
2110 x 1600mm  
2400 x 1800mm  
2440 x 1850mm  
3050 x 2310mm

#### 16:9 Ratio

1800 x 1120mm  
1870 x 1050mm  
2000 x 1250mm  
2400 x 1500mm  
2450 x 1420mm  
2730 x 1580mm  
3040 x 1760mm



## Tripod Screens

### Standard Screen sizes

#### 1:1 Ratio

1270 x 1270mm  
1520 x 1520mm  
1830 x 1830mm  
2130 x 2130mm

#### 4:3 Ratio

1190 x 880mm  
1740 x 1290mm  
1760 x 1330mm  
2110 x 1600mm  
2440 x 1850mm

#### 16:9 Ratio

1430 x 800mm  
1650 x 920mm  
1870 x 1100mm  
2140 x 1250mm  
2450 x 1420mm

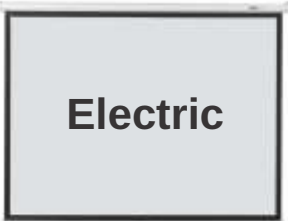


# Projection Screens

## Electric Screens

### Standard Screen sizes

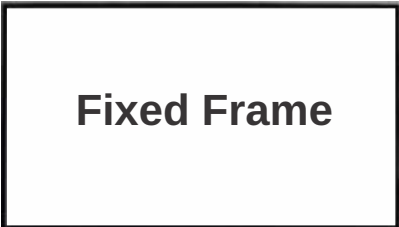
1:1 Ratio	4:3 Ratio	16:9 Ratio
1830 x 1830mm	1750 x 1330mm	1800 x 1120mm
2440 x 2440mm	1800 x 1350mm	1870 x 1110mm
3050 x 3050mm	2000 x 1500mm	2000 x 1250mm
	2110 x 1600mm	2400 x 1500mm
	2400 x 1800mm	2440 x 1420mm
	2440 x 1830mm	2730 x 1580mm
	3050 x 2310mm	3000 x 1875mm
	3140 x 2355mm	4000 x 2500mm



## Fixed Frame Screens

### Standard Screen sizes

1:1 Ratio	4:3 Ratio	16:9 Ratio
0000 x 0000mm	0000 x 0000mm	0000 x 0000mm





## Classroom & Beyond



### U50

#### Go beyond the Classroom

Create lessons on the go with the USB powered document camera, anywhere, anytime.



### U70+

#### Simple - Powerful - Affordable

The easiest plug-n-play USB document camera bundled with premium features and pricing has arrived.



### F18-8M

#### Flex your imagination

The Aver F17-8M is a beyond value visualizer suitable for every classroom.



### U70W - Wireless

#### Imagine the Possibilities

Spark active minds with the most advanced wireless document camera regardless of your teaching style or classroom environment.



### F50-8M

#### New Age of Classroom Collaboration

With so many tools in one a scanner, web-video-digital camera, lined-graph-plain paper, and "best-in-class image clarity", the F50-8M document camera allows you to see clearly with every single action.



### M70HD

#### More Tools than Inspector Gadget™!

With the most comprehensive feature set, the M70MD document camera, part gadget and a whole lot of wow with its stunning image clarity and detail. All the bells and whistles you can ask for



### PL 50

#### Platform Performance Like No Other

All of the premium features and stability you expect from a platform camera without the premium price. The PL50 Platform Document Cameras collapsing arm and camera head fold neatly for easy storage in your device cart or class / storeroom



## Aver ClassSend Software Aver Sphere 2 Software

Enquire about our amazing software







## The A-Z in Video Conferencing

### CC 30 Distance Learning Camera



#### HD Camera with Wireless Audio

The AVer CC 30 HD Camera is the first high-quality lecture camera specially designed to help schools enhance education

### CAM340 Ultra HD 4K Huddle Room Camera



#### Industry Leading Professional Ultra HD 4K Huddle Room Collaboration USB Camera

the next generation of an intelligent camera that gives you the freedom to express yourself and collaborate anywhere.

### VB 342 Ultra HD 4K USB Conferencing Soundbar



#### USB Conference Camera with 4K Video and Lifelike Sound

The VB342's powerful camera, mics and speakers were carefully designed to provide the most lifelike conferencing experience. Perfectly suited for huddle rooms.

### VC 320 Portable USB Conferencing System



#### Portable USB Video Conference Camera System for Huddle Rooms

the VC 320 Conference Camera is a superior portable All-in-One Plug-and-Play collaboration system

### VC 332 USB Conferencing Camera set



#### Market Leading 4K PTZ USB Video Conferencing Designed for Huddle Rooms

The VC322 4K PTZ USB camera provides vivid lifelike video quality, accompanied by crystal clear audio in the meeting room with no cable clutter.

### VC 520+ USB Conferencing Camera Set



#### Industry Leading Professional Ultra HD 4K Huddle Room Collaboration USB Camera

the next generation of an intelligent camera that gives you the freedom to express yourself and collaborate anywhere.

### CAM 520 USB Conferencing Camera



#### The USB Plug-and-Play and Professional Unified Communications Camera for all kinds of Businesses & Educational Institutions

The CAM520 is designed to meet the unified communications and collaboration needs of a variety of businesses.

### CAM 530 USB WITH HDMI Conferencing Camera



#### The USB Plug-and-Play, HDMI and Professional Unified Communications Camera for all kinds of Businesses & Educational Institutions

The CAM530 is designed to meet the unified communications and collaboration needs of a variety of businesses.





## PTZ310/330 Distance Learning Camera

### Premium Lecture Capturing

Aver PTZ310/PTZ330 Professional cameras give you the premium video quality and versatility you need to record or share your presentation and teaching events around the world

## PTC500S Auto Tracking Camera

### Enhance Your Accuracy

Create engaging video for streaming sharing and recording during lectures demonstrations, video conferences, speeches, and more with the PTC500S Professional Auto Tracking Camera



## EVC-Series Video Conferencing System

### Full HD Multipoint & Endpoint Video Conferencing System

Aver's EVC Series is the perfect video conferencing solution for large conference rooms and auditoriums.

It provides a cost-effective way for businesses to connect up to 10 sites and enjoy full HD video and content sharing, offering an unbeatable return on investment



## SVC-Series Video Conferencing System

### Full HD Multipoint & Endpoint Video Conferencing System

As the next generation of Aver's video conferencing system, the SVC range is endowed with a futuristic design.

WebRTC, H.323, SIP and Skype for Business support provide endless communication possibilities.

The dual-camera/dual-presentation lifts Aver's video conferencing system to the next level, providing users with an unparalleled video conferencing experience.



## Meetup Mobility Software

Enquire about our amazing software / app



With a three tiered series, wePresent provides networked integrated wireless presentation solutions for any environment and any device.

## Present series: our entry level system

**WiPG-1000** - Our basic 1080p wireless presentation system offering screen sharing from any device, includes an auto-on feature. This product is not available for sale in the US.

## Interact series: engaging features

**WiPG-1600W** - Seamlessly integrates into existing LAN networks, making it the ideal solution for classrooms and small huddle spaces.

## Collaborate series: our flag ship system

**WiCS-2100** - Seamless sharing, improved BYOD compatibility and intuitive on screen moderator controls.



	WiPG-1000	WiPG-1600W	WiCS-2100
Cross platform	●	●	●
AirPlay support	basic	basic	advanced
1080p resolution	●	●	●
Multi user queue	64	64	64*
Networking (LAN)	10/100M LAN	10/100/1000M LAN	10/100/1000M LAN
Wireless access point	2.4G(b/g/n) / 5G(a/n) switchable	2.4G(b/g/n) / 5G(a/n) switchable	2.4G(b/g/n) / 5G(a/n/ac) switchable
Screen data encryption	SALSA20	SALSA20	SALSA20
Customized start screen	single screen	single screen	multiple screens
WebSlides	●	●	●
Fixed screen layout	●	●	●
Extended desktop	●	●	●
Conference control	●	●	●
USB accessory control	●	●	●
USB guest access	●	●	●
Downloadable guest access	●	●	●
Touchscreen control	single	multi	multi
Auto detect HDMI resolution		●	●
On screen annotation		●	●
Interactive whiteboard		●	●
USB media/document player		●	
Video streaming		●	
1 to many distribution		●	●
Power over Ethernet (PoE)		●	●
Eco standby mode			●
On screen user preview			●
Dynamic screen layout			●
Google Cast support (audio & video)			●

\*Max 32 when solely via built-in Wi-Fi

# LED Modular Display



## Indoor & Outdoor Displays

P3, P4 P5 & P6 screen design  
Suitable for indoor (P4) and outdoor (P5)  
High-precision die-cast Aluminium Cabinet  
and Backside door  
High Brightness  
Adjustable Brightness with high colour contrast  
Waterproof die cast Aluminium Cabinet







**Collaboration**

# **Interactive Solutions**

**Enhanced engagement**



**Active Participation**



# Interactive Whiteboard



## Multi-Touch Interactive Whiteboard - 78"

### Product Features

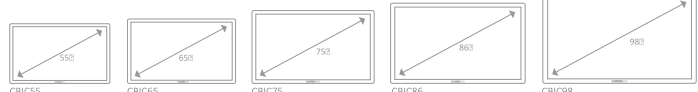
- Technology: IR (infra-red).
- Active Area Size("): 78.8".
- Active Area Size(mm): 1,641 x 1,148mm.
- Projection Size("): 74.7".
- Projection Size(mm): 1518 x 1138mm.
- Aspect Ratio: 4:3.
- Multi-Touch Point: 10 Points.
- Input: Finger or Pen.
- Pen Tray: Simple Pen Holder.
- Scan Rate: 125 dot / second.
- Touch Accuracy: 1mm.
- Connection Type: USB Cable.
- USB Type: A (Client) -B (IWB).
- USB Length in standard package: 5m.
- Driver Support OS: Win 7 / 8 / 10.
- MAC and Linux: Drivers available on request.

Not included with eBoard: Projector, Laptop & Accessories



4K

### Classic Sizes



Available in 55" | 65" | 75" | 86" | 98"

# Multimedia & IT



## Display Monitors



**Various sizes & brands available**

## Laptop & Desktop Computers







55 | 65 | 75 | 86"

## Product Features

- ✧ 4K ultra HD display, Ultra-thin and ultra-narrow appearance; front physical key; front USB ports automatically switches with the channel;
- ✧ Self-designed Android system; Built in smart core and operating system
- ✧ Optional, detachable ultra-thin PC module
- ✧ Touch technology
  - 1) Resistant to optical interference (use as usual under direct sunlight)
  - 2) The touch algorithm is highly optimized; rapid response, fluent in writing & demonstration
- ✧ Integrated display, touch-control, intelligent core system
  - 1) HD image processing engine
  - 2) Intelligent display chipset, intelligent Android operating system
  - 3) Annotate in any input channel
- ✧ In standby mode, to wake up intelligently HDMI input
- ✧ Support wireless transmission screen function
- ✧ Support Wi-Fi dual frequency 2.4G/5G (Match SI02 to achieve Wi-Fi functionality)
- ✧ Support one network cable for dual system network; one Wi-Fi for dual system network sharing
- ✧ Memory channel function; boot into the home page by default
- ✧ One key to energy saving mode (Energy saving and environmental protection)
- ✧ Pass EMC test (Meet the requirements of the applicable CE directives)
- ✧ Environmental adaptation (rigorously tested by 0°C~40°C environmental simulation)



# Security Locks



**Push-in Key Type Wedge  
Notebook Lock**



**Key-Type Lock**

**4 Dial Combination Lock**



**Security Slot Clip**

**Computer & Monitor  
Lock Kit with Padlock**



**Push-in Key Type Cleat  
Notebook Lock**



**Key Type USB  
Port Security Lock**



**3-Dial Combination  
Padlock with Clip**



# Laptrays & Air Mouse Wireless Keyboard



Available colours



Wrist support

- Perfect as a stable surface for writing, reading and surfing the internet in the home or on the go
- Soft-touch wrist pads provide a layer of comfort
- Suitable to be used with Laptops / Tablets or cellphones



## Air Mouse Wireless Keyboard



## Creativity made simple

Advancements in digital signage requirements mean that customers demand greater freedom in creating and deploying small, medium and large scale signage projects.

The Datapath FX series is a multi-faceted stand alone display controller that supports a choice of inputs, high bandwidth loop-through as well as 4 genlocked outputs in either DisplayPort or HDMI.



**INAVATION AWARDS**  
**TECHNOLOGY WINNER 2018**





Touch Screen Kiosks	Android OS		Windows OS		
	SMTA43"	SMTA 49"	SMTW43"	SMTW49"	SMTW55"
Orientation	Landscape	Landscape	Landscape	Landscape	Landscape
Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Brightness	350cd/m <sup>2</sup>	350cd/m <sup>2</sup>	350cd/m <sup>2</sup>	350cd/m <sup>2</sup>	350cd/m <sup>2</sup>
USB	Yes	Yes	Yes	Yes	Yes
SD Card Slot	Yes	Yes	Yes	Yes	Yes
HDD	N/A	N/A	120Gb SSD	120Gb SSD	120Gb SSD
Architecture	ARM	ARM	X86	X86	X86
Processor	RK3288 2Gb + 8Gb	RK3288 2Gb + 8Gb	i3 4Gb	i3 4Gb	i3 4Gb
OS	Android	Android	Windows	Windows	Windows
WiFi	4G (Optional)	4G (Optional)	4G (Optional)	4G (Optional)	4G (Optional)

## 43" Touch LED Table Black

This touch LED Computer Table comes with a built-in Windows Computer. It is supplied with Windows 10 Home Edition.

### Panel Features

- Screen Size: 43"
- Panel Brand: LG
- Resolution: 1920 x 1080
- View Angle: 1789H0; 178 Deg (V)
- Display Colour: 16.7M
- Brightness: 350cd/m<sup>2</sup>
- Contrast: 4000:1
- Response Time: 6ms
- Display Area: 930.24mm x 523.26mm
- Built-in PC: X86, 4G, SSD, 128GB, WIFI
- Port: USB Port x2, LAN Port x1, HDMI x 1, VGAX1

### Touch parameters

- Touch Type: Infrared Technology
- Touch resolution: 32767\*32767
- Response Speed: =6ms
- Touch Point: Six Touch
- Life Time: 50000 Hours

### Operating Environment

- Operating Temperature: 0~50
- Operating Humidity: 10% - 90%
- Storage Humidity: 10%-90%
- Screen Material: Toughened Glass
- Speakers: 2 x 10W

IWS1042B



### Power

- Consumption (max) 130W
- Power Input: AC100-240V 50/60Hz

### Structure

- Net weight: 57kgs
- Gross weight: 78kgs
- Product Size: (W\*D\*H) 1005\*515\*1172mm
- Product Material: Steel Metal
- Colour: Black

### Accessories

- Power Cable
- Remote

# Display Totem



	Touch Screen Totems			
	Android OS		Windows OS	
Screen Size	49"	55"	49"	55"
Orientation	Portrait	Portrait	Portrait	Portrait
Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Brightness	350cd/m <sup>2</sup>	350cd/m <sup>2</sup>	350cd/m <sup>2</sup>	350cd/m <sup>2</sup>
USB	Yes	Yes	Yes	Yes
SD Card Slot	Yes	Yes	Yes	Yes
HDD	N/A	N/A	120Gb SSD	120Gb SSD
Architecture	ARM	ARM	X86	X86
Processor	RK3288 2Gb + 8Gb	RK3288 2Gb + 8Gb	i3 4Gb	i3 4Gb
OS	Android	Android	Windows	Windows
WiFi	4G (Optional)	4G (Optional)	4G (Optional)	4G (Optional)
Cost Excl. VAT	R 21 500.00	R 24 900.00	R 25 590.00	R 26 800.00

## Screen parameters

## Touch SPEC

screen size	47 "
Resolution	1080×1920
view angle	178(H); 178°(V)
Display colour	16.7M
Life time of backlight	> 60000 Hours
Brightness	350cd/m2
Contrast	4000:01:00
Response time	6ms
display area	1039.68mm ×584.82mm
Touch technology	Infrared touch
Touch resolution	32767*32767
Response	≤8ms
Touch point	6 point





# INSTALLATIONS



## Multi-Connectivity



HDMI Cables



Cabling

Desk Popups



USB Cables

Audio Cables



CAT 6 Network



VGA Cables





# Adaptors / Switchers / Splitters

HDMI Extender



Visual Works stock a full range of adaptors  
Switchers, Splitters and cable accessories



Rj45 over CAT5E  
CAT6E USB Extender



USB 3.0 to VGA



Power plugs & Cables



HDMI to VGA with Audio



Female to Male HDMI

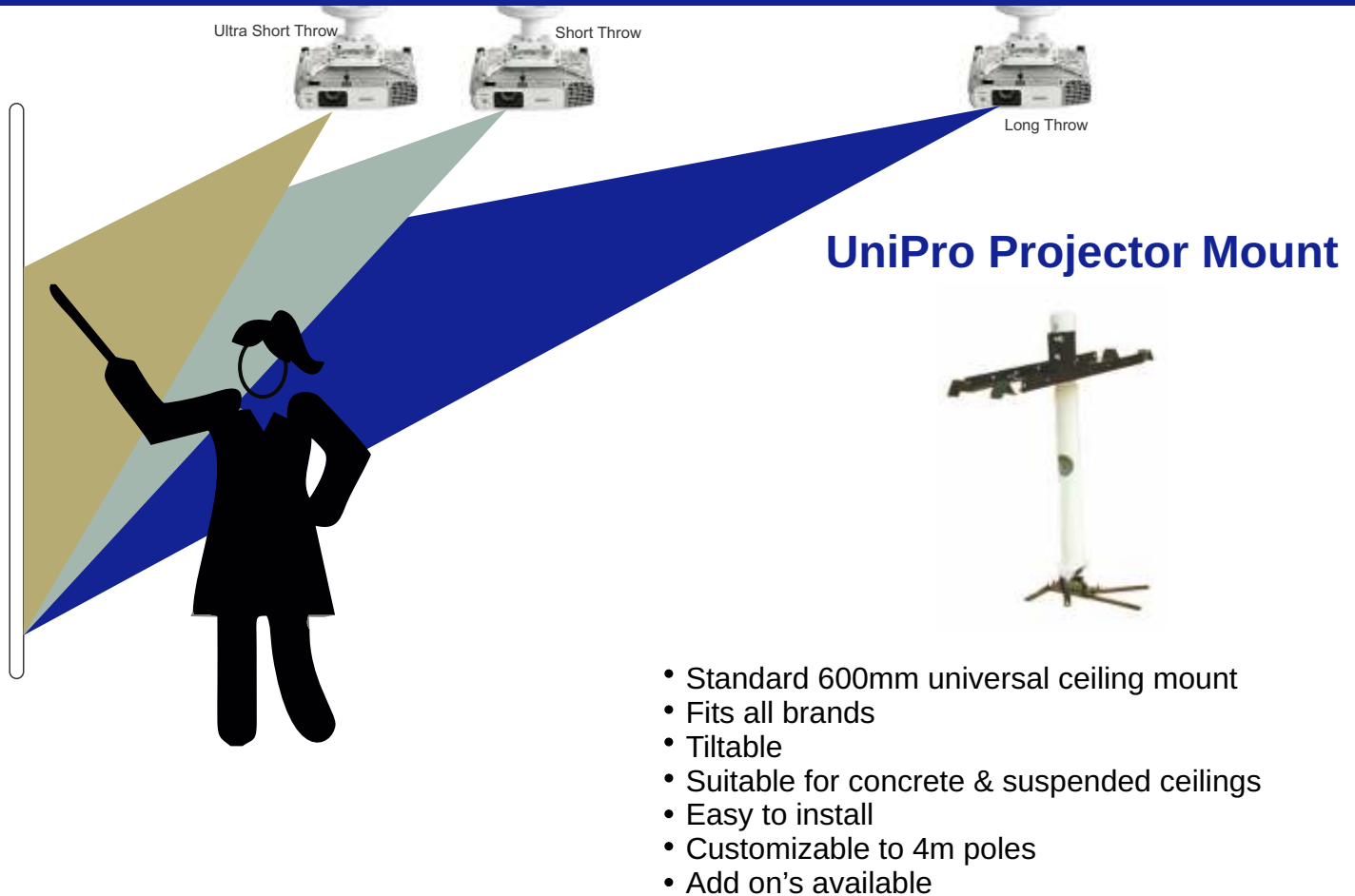


4 Port USB Hub



Display Adaptor





Ultra Short Throw      Short Throw      Long Throw

## UniPro Projector Mount

- Standard 600mm universal ceiling mount
- Fits all brands
- Tiltable
- Suitable for concrete & suspended ceilings
- Easy to install
- Customizable to 4m poles
- Add on's available

## Additional UniPro Projector Mounts



- Security Cage**
- Custom manufactured per projector
  - Lockable



- Projector Shelf**
- Custom manufactured per projector
  - For mobile ceiling mounts

## UniPro Short & Ultra Short Throw Projector Mounts





# Installation brackets & Boxes

## Monitors & Audio

### Monitors



- Standard range of wall & Ceiling mount brackets to fit a range of monitors from 13 to 86"
- Tiltable options
- Suitable for concrete & drywalling
- Easy to install
- Full Motion options
- Motorised options



## Equipment Wall Boxes

4U



6U



9U



12U



15U



# Equipment Boxes

## Floorstanding Cabinets

15U



22U



27U



37U



42U



47U



# Ergonomic Products

## Laptop & Monitor Stands



## Multifunction Stand



## Monitor Stands & Arms



## Gel Wrist Support



## Monitor Stands & Arms





# Contact Us



**Tel: 031 702 7773**

**Fax: 086 560 6083**

**Web: [www.visualworks.co.za](http://www.visualworks.co.za)**

**Unit C, 169 Chester road, Malvern, 4093**

**PO Box 28259, Malvern, 4055**



## **Operations & Installations**

**083 289 0690**

**[gm@visualworks.co.za](mailto:gm@visualworks.co.za)**



## **Finance & Sales**

**073 211 3279**

**[tania@visualworks.co.za](mailto:tania@visualworks.co.za)**



## **Administration**

**031 702 7773**

**[admin@visualworks.co.za](mailto:admin@visualworks.co.za)**



## **Sales Department**

**031 702 7773**

**[sales@visualworks.co.za](mailto:sales@visualworks.co.za)**



## **Installation Department**

**031 702 7773**

**[installations@visualworks.co.za](mailto:installations@visualworks.co.za)**



## **Orders Department**

**031 702 7773**

**[orders@visualworks.co.za](mailto:orders@visualworks.co.za)**



## **Manufacturing Department**

**031 702 7773**

**[production@visualworks.co.za](mailto:production@visualworks.co.za)**



## **After-Sales Department**

**031 702 7773**

**[support@visualworks.co.za](mailto:support@visualworks.co.za)**