

## MVP2-PCC-R

ViewPro 

### Intelligent People Tracker



### FUNCTIONS

#### Intelligent People Tracker (IPT) series

is special purpose smart people tracker for highly accurate people tracking, counting, and queue management combining state-of-the art 3D imaging technology with intelligent video analytics. Incorporating VCA's high performance video analytics as a standard feature, IPT series has much improved measurement accuracy compared to the current generation of thermal sensors and stereoscopic cameras. IPT series has a highly accurate video analytic tracking system and has excellent performance even when one object is partially obscured by another. IPT series also supports stationary queue measurement so that movement of people is not necessary to maintain tracking.

#### Improved Measurement Accuracy

IPT series brings improved measurement accuracy compared to the current generation of thermal sensors and stereoscopic cameras. Its excellent tracking system has great performance even when one object is partially obscured by another. Stationary queue measurement is also supported and movement of people is not necessary to maintain tracking.

#### Advanced 3D Imaging Technology

Using a state-of-the art infra-red sensor and specially designed lenses, IPT series is one of the most advanced systems available in the marketplace today.

#### Video Analytics

Incorporates VCA's "people track" software which includes the following: Presence, Enter, Exit, Appear, Disappear, Dwell, Stopped, Direction, Counters, Calibration, Tailgating, Logical rules, Heatmap, Metadata

#### Benefits of IP Device

Like other IP products, IPT series is designed for network use and shares the same core networking technologies as other products. Firmware can be easily upgraded over the network and device settings can be set up or adjusted through a standard web browser.

### SYSTEM OVERVIEW

Intelligent People Tracker series is special purpose smart people tracker for highly accurate people tracking, counting, and queue management combining state-of-the art 3D imaging technology with intelligent video analytics.

### FEATURES

- Ideal for retail, banking and airport applications
- Accurately measure customer waiting time
- Count customers leaving a queue
- Measure queue time at ATMs, ticket collection machines
- Live alerts generated at pre-defined thresholds
- Stationary queue measurement
- IP66 rated for Outdoor Application
- Humidity 85% RH (non-condensing)
- Power Consumption 12VDC / 60W Ultra PoE
- Temperature -20°C ~ 50°C
- Dimensions (W x H) 121 x 55 mm

ToF

Class 1  
Laser Product

Robust to  
Sunlight



# MVP2-PCC-R

**ViewPro** 

## TECHNICAL SPECIFICATION

### IMAGING MODULE

Illuminator	VCSEL - Class 1 Laser Product	
WaveLength	945 nm (Robust to Sunlight)	
Image Type	Monochrome (Infra-red)	
Lens Type	Fixed	
Effective Pixels	320x240	
Lens	Field of View (H x V)	92° x 67°
	Iris	Fixed

### 3D FUNCTION

Operating Range	ST2 : 0.2m to 2.5m (10FPS) ST2 : 0.5m to 6m (10FPS)
Coverage Area	Refer to the data table on the next page.
Suitable Locations	ST2: Location with low installation height ST2: General installation circumstances

### SECURITY & NETWORK

Network Protocol	QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, HTTPS, FTP, RTSP, RTCP, RTP/UDP, RTP/TCP, mDNS, UPnP™, SMTP, DHCP, DNS, DynDNS, NTP, SNMPv1/v2c/v3(MIB-II), IGMP, ICMP, SSLv2/v3, TLSv1, SRTP, RTMP, IEEE802.1X
Security	HTTPS(SSL), IP Filtering, Multi-level access with password protection
IP	IPv4, IPv6
Ethernet Standard	10 / 100 Base-T

### GENERAL

External I/O Terminals	1 x Alarm In, 1 x Alarm Out
SD Memory Card Slot	Supported (microSD type)
Support Languages	English, Korean, Japanese
Material	Aluminum Die Casting, White
Humidity	Humidity up to 85% RH (non-condensing)
Temperature	-20°C ~ 50°C(-4°F ~ 122°F)
Power Source	12VDC / 60W Ultra PoE
Power Consumption	Max 38W (Heater on)
Approvals	FCC, CE, Laser Class 1, IP66
Weight (Approx.)	500 g (1.1 lb)
Dimensions (W x H)	121 x 55 mm

### VIDEO ANALYTICS

Analytics Engine	VCA Technology advanced tracking algorithm with library of detection behaviors
Easy to Use	Intuitive Interface
Detection Zones and Rules	Multi-segment Polygons and Lines
On-screen Display	Real-time display of tracking data and events
Detection Behavior	Enter, Exit, Appear, Disappear, Stopped, Direction, Dwell, Tailgating
People Tracking	Tracks individuals separately among overlapped multiple people
Logical Rules	Extends standard rules to allow various combinations of the inputs
Statistics	Counting functions and other statistics
Meta Data	Plain XML Format

## Dimensions (mm/inch)

