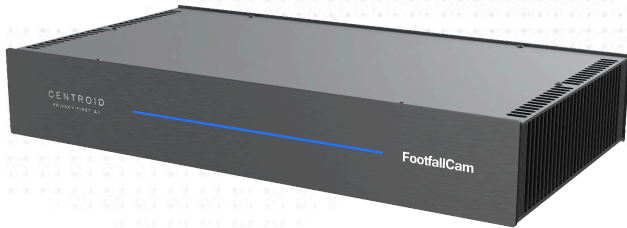


AI Video Analytics For CCTV

CENTROID



Product Code: FC-FC DVR01

KEY FEATURES

- Real time processing data
- Designed for human and vehicle detection
- Process up to 16x HD full-motion video streams
- Low-power edge intelligent video analytics
- FootfallCam Centroid works in conjunction with any CCTV cameras
- Data Metrics involved in the FootfallCam people counter can be computed by FootfallCam Centroid™

MULTI STREAM VIDEO ANALYSIS

- Can be connected to up to 16 CCTV cameras for maximum coverage and cost-effectiveness. The videos are processed in real time to generate in-depth data analytics. The aggregated data from each raw video stream are available to be accessed through FootfallCam V9™ with read-made modules and reports.

SUPPORT UP TO 3 MODELS AT THE SAME TIME

- FootfallCam Centroid™ carries out object detection and classification for any industry. Each FootfallCam Centroid™ can only run three object detection models at a time. Supported models include **People Counting** (including Heatmap, Heatdwell, Queue Counting, Occupancy Counting), **Vehicle Counting**, **Crowd Counting** (more than 100 people per camera), **Demographic Counting**, **Staff Uniform Exclusion**, **Person re-ID** (Shopper Journey, Blacklist Detection, Visit Duration), **Skeleton Tracking** (Product Engagement).

CCTV REQUIREMENTS

- Compatible processing data through Real time Streaming Protocol (RTSP)
- Allow direct video stream from RTSP enabled IP Cameras
- or Network Video Recorders (NVR)
- Installed between 2 to 6 metres ceiling height with ideal mounting height between 3 to 4 metres.
- No distortion / fisheye lens on the analytic zone
- Minimum video resolution of 720p
- Minimum video frame rate of 10fps

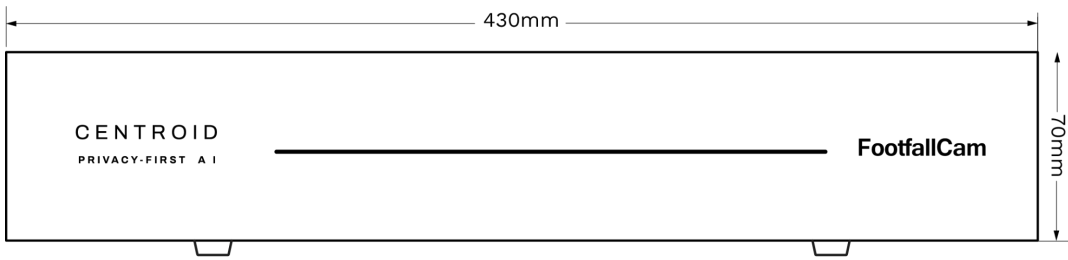
GENERAL SPECIFICATION

Model	Centroid
Weight	7kg
Casing Colour	White and Black
Casing Material	Metal
Total Dimensions (mm)	430 (W) x 330 (D) x 88 (H)
Warranty	1 year from first allocation date (Warranty extension available upon request)
Input Power	AC 110-230V, 50~60Hz
Power Consumption	80W
CPU	64-bit 6-core @ 1.5GHz
GPU	1024-core @ 625MHz
Memory	8GB 128-bit LPDDR5 @ 3200MHz 68 GB/s
DVR Codec	H.265
DVR Audio	G.711A
Video Encoder	16*5M-N@6fps (6 in 1) / 16*4M-N@8fps (6 in 1) / 16*1080P@8fps(6 in 1), default 5M-N
Video Decoder	8*5M-N@6fps (6 in 1) / 16*4M-N@8fps (6 in 1) / 16*1080P@8fps(6 in 1), default 5M-N
Multi Mode Input	Analog: 16*5M-N; Hybrid: 16*5M-N (Analog) + 4*1080P (Network) Network: 16*1080P; 8*5M
Record Mode	Manual > Alarm > Motion Detection > Timing
Local Playback	16CH (Analog Input Mode)
Search Mode	Search by Time, Calendar, Event, Channel
Video Input Port	16CHx BNC
Display	1x VGA, 1x HDMI
HDD	1x SATA port (Max. 2 TB)
USB	2x USB 2.0 Ports
Network Port	RJ45 10M/100M

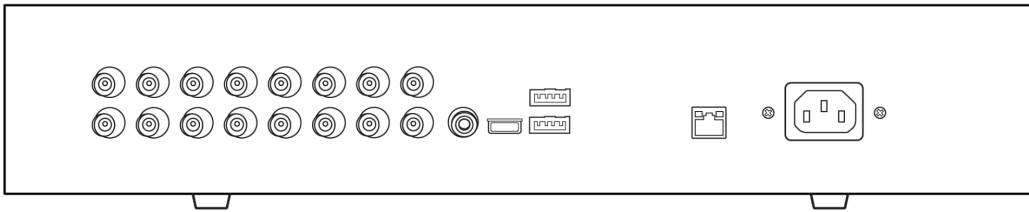
Do you need further information or have a question? Please visit www.footfallcam.com

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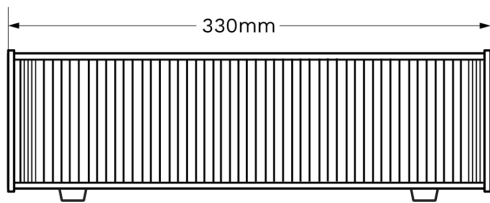
PRODUCT DIMENSION



FRONT VIEW



REAR VIEW



SIDE VIEW