

Checklist: Technical Requirements

Environment

- Lighting: Recommended 80 lux

Note: Interference between the camera and focus area by obstacles/light sources should be avoided.

Camera

- Video Quality: Minimum 1080p (recommended 4K)
- Height: Minimum 4m from the ground
- Angle: Recommended 20 degrees to horizontal
- Compliance: ONVIF Profile S (www.onvif.org)

Note: Minimum face size detected by the camera: 25 x 25px (Recommended 50 x 50px).

Deployment

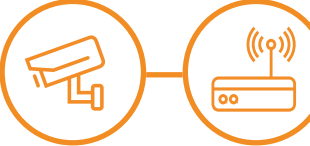
Cloud deployment is the recommended option for DCM implementations.

Cloud Deployment

- Network speed: Minimum upload 1.5mbps
- VPN Router: Compatibility with openVPN protocol (www.openvpn.net)
- Internet speed: Minimum upload 1.5mbps
- General: Web protocols (HTTP/s, RTSP)


Note: Actual network speed requirement may be subject to camera model.

Local Network




Camera(s) VPN Router


VPN Tunnel



AWS Cloud



Processing Dashboard



User

On-premise Deployment

Note: DCM can also provide on-premise deployment. Contact us for details.

Calibration Tools

- Compass
- Laser distance measure
- GPS (mobile device GPS co-ordinates acceptable)
- DCM dashboard

Note: Calibration requires two people; one user at the camera site to provide measurements and another user with access to view camera feed(s) via the DCM dashboard.

Contact Us

For information on technical requirements please contact Eric Chung on +61 448 969 027, or email echung@dynamiccrowdmeasurement.com.