

ANPR BREAKOUT BOX FOR CAMERA REQUIRING ETHERNET AND SERIAL CONNECTIONS


ANPR BREAKOUT BOX FOR CAMERA REQUIRING ETHERNET CONNECTION


FRONT VIEW

## CABLE GLAND SETOUT FOR ANPR

 BREAKOUT BOX
## NOTES:

1. This drowing is to be read in conjunction with Standard Drowings 1905.
2. Prior to construction, the contractor shall supply an equipment list to the

Principal's Representotive for approval.
. Contractor shall ensure the breakout
4. Controctor shall ensure cabling inside ANPR pole is bundled neatly together for maintenance occess.
5. The ANPR breakout box shall only house the equipment required for 1 ANPR
camera and 1 CCTV camera.
6. Where required by the ANPR camera, the vendor specific breakout box and cabling is between the output of the ANPR breakout box and the ANPR camera. See Standard Drawings 1913 and 1915

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drowings
Specifications
REFERENCED DOCUMENTS:
Departmental Standard Drawings:
1905 IIS - Traffic Survey Cabinet Typical Details
914 ITS - Traffic Survey ANPR Camero Breakout Box Wiring Detoils
915 ITS - Tric Survey ANPR Ethernet - Serial Converter Wiring Horness Details
epartmental Standard Specifications:
MRTS207 Traffic Survey Foundation Equipment
MRTS250 Provision of Automatic Number Plate Recognition System
hustralian Standards:
AS/NZS 3000 Electrical Installations (Wiring Rules)

EQUIPMENT SCHEDULE

| EQUIP ID | DESCRPPTION | VOLTAGE | QUANTITY | COMMENTS |
| :---: | :---: | :---: | :---: | :---: |
| 1 | IP67 rated heory duty PVC enclosure $200 \mathrm{H} \times 150 \mathrm{~W} \times 1000$ | N/A | 1 | IP67 roted minimum B\&R Polynova Model No. PS201510 |
| 2 | Enclosure mounting plote | N/A | 1 | B\&R Polynova Model No. PS2015/I |
| 3 | Terminol Block double screw 1 wire | N/A | 1 | $1 \times 6 \mathrm{~mm}$ to $2 \times 6 \mathrm{~mm}$ |
| 4 | 1-CAT6 RJ45 Surge Protector with din rail clip and earth cable | POE or COMMS | 2 | Connect Earth cable to Earth terminal. Quantity is site specific. zip tie (or suitoble alternotive) to false back |
| 5 | Etherne/Serial media converter | ELV/48V | 1 | Moxa NPort 5110A-T 12-48VDC LAN to Serial RS232 |
| 6 | Power Surge Protector | ELV/48V | 1 |  |
| 7 | Terminol Block double screw 2 wires | N/A | 1 | $2 \times 6 \mathrm{~mm}$, zip tie (or suitoble alternative) to top of R.45 terminotion block |
| 8 | 75V 4000uF Capacitor | ELV/48V | 1 |  |
| 9 | 16 mm Cable Gland | N/A | 5 |  |



