

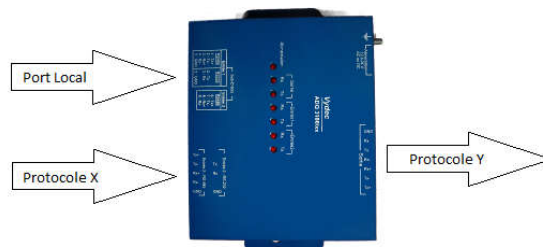
# PROTOCOL CONVERTER

## ADQ 3100/xx-yy

- 1 local port
- 1 dome port
- 1 IHM port
- Box version
- Wide-range power supply
- RS-232 or RS-485 infrastructure



NON CONTRACTUAL PHOTO



Protocol converter mainly used in the field to convert different protocol and baud rate between Matrix, keyboard controller, DVR or other hosts and PTZ, receiver or other terminal devices..

Protocol converter box support multi-protocol and baud rates which are featured in equipment of large system surveillance projects..

# PROTOCOL CONVERTER

## Mechanical Characteristics :

Dimension : Box :160x100x40 (L x P x H) mm without connectors  
Weight : 500 g

## Others

Operating Temperature : -25~60 C°  
MTBF 100000 Hours

## Electrical Characteristics :

Consummation : <= 3 W  
Power : +12 à +24 AC/DC  
RS 485 : Fusible and transzorb protect. Differential driver output 50Ω load : 1.5V min and 5V max. Differential input : 0.2V  
RS 422 : Fusible and transzorb protect. Differential driver output 50Ω load: 1.5V min and 5V max. Differential input : 0.2V  
RS 232 : Fusible and transzorg protect  
RCL Input : Transfo, 20 mV with 2μF maximum charge

## CEM :

NF EN 61000-4-4 niveau 3  
NF EN 61000-4-6  
NF EN 61000-4-3  
ENU 50204 niveau 3  
NF EN 61000-4-2 niveau3  
NF EN 55011  
NF EN 61000-4-5  
NF EN 61000-3-2  
Vibration : CEI 68-2-6 de 1995  
Temperature :  
Cold : CEI 68-2-1 de 1990  
Warm : CEI 68-2-2  
Moist Heat CEI 68-2-30

## Sérial port :

Type : RS 485, RS422, RS232  
Speed : 2400 à 57 600 baud  
Bit number : 7, 8  
Parity : Paire, Impaire, Sans  
Connector : Plug-in connector 5 points

## Functional Characteristics :

- ✓ Connection on a TEDI / LCR network.
- ✓ Connection on a RCL network.
- ✓ Connection on a BI PHASE network.
- ✓ 1 input port, 1 local port, 1 output port
- ✓ RS232 or RS422 switchable by strap.
- ✓ Led vizualisation.
- ✓ 1 dome or 255 domes version.
- ✓ Soft to configure Serial port.

## Ordering information:

### Serial Protocol :

ADQ 3100/4x-yv: Protocole y-> Protocole v

### Protocols uses :

AD: y=A Bosch: y=B Comerson: y=C  
Diaser: y=Z Erna: y=E LCR: y=T  
Panasonic: y=N Pelco D: y=D Pelco P: y=P  
SMPTE: y=S Ultrack: y=L Vicon y=V

### RCL Protocol

ADQ 3100/4x-DR : PelcoD -> RCL  
ADQ 3100/35-RD : RCL -> Pelco D  
ADQ 3100/36-RD : RCL -> Pelco D

### Manchester Protocol

ADQ 3100/6x-Ds : PelcoD-> Sensornet  
ADQ 3100/6x-sD : Sensornet-> PelcoD  
ADQ 3100/6x-MD : Biphase-> PelcoD  
ADQ 3100/6x-FD : AD -> PelcoD

x=0 : Mono Address x=1 Multi Adresse

Other protocols on request..

Power supply not included