

## Informations générales

Visuel



## Contrôle de portes

|                                                                                                                                                        |                     |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---|
| Lecteurs                                                                                                                                               | 3                   | 4 |
| Identifiants                                                                                                                                           | 10000               |   |
| Protocole centrale/lecteur                                                                                                                             | OSDP V1/TTL/SSCP V2 |   |
| Protocole centrale/hub                                                                                                                                 | ONVIF A et C        |   |
| Extension chaînable                                                                                                                                    | De 0 à 8 maximum    |   |
| <b>Seule la première extension peut être alimentée par le contrôleur maître, les autres doivent être alimentées par une alimentation indépendante.</b> |                     |   |

## Alimentation

|                            |                                                |    |
|----------------------------|------------------------------------------------|----|
| Entrée d'alimentation      | 12V(DC) 1,5A ou 48V(DC) 1,5A (avec module POE) |    |
| Relais                     | 4                                              | 4  |
| Infos relais               | NO/NC 48V / 2A max                             |    |
| Sortie LED                 | 6                                              | 8  |
| Infos sortie LED           | LEDs 24V / 100mA max                           |    |
| Entrées logiques           | 12                                             | 12 |
| Tensions entrées logiques  | 0-24V max                                      |    |
| Sortie alimentation        | 4                                              | 5  |
| Infos sorties alimentation | 12V / 250mA                                    |    |

## Interface E/S

|          |                                                                          |                                                                          |
|----------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Lecteurs | 3 entrées lecteurs paramétrables :<br>TTL (Wiegand) ou RS485 (OSPD/SSCP) | 4 entrées lecteurs paramétrables :<br>TTL (Wiegand) ou RS485 (OSPD/SSCP) |
|----------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|

## Exigences relatives au câblage

|                                   |                                                                      |
|-----------------------------------|----------------------------------------------------------------------|
| Câble réseau / contrôleur         | 4 paires F/FTP/Cat6                                                  |
| Câble contrôleur / lecteur        | 2 paires torsadées blindées Type LIYCY-P<br>2x2x0,75 mm <sup>2</sup> |
| Longueur max contrôleur / lecteur | WIEGAND – 100 m<br>SSCP / OSDP – 750m                                |

## Autres informations

|                                         |                                                                                                |
|-----------------------------------------|------------------------------------------------------------------------------------------------|
| Connecteurs                             | Bornier double colorés et débrogage (jusqu'à 1,5mm <sup>2</sup> )<br>Port Ethernet 10/100 Mbps |
| Conditions d'utilisation et de stockage | De 0°C à 50°C                                                                                  |
| Homologations                           | CEM / Sécurité électrique / FCC / UL                                                           |
| Dimensions (H x l x L)                  | 60 x 95 x 160                                                                                  |
| Poids                                   | 249g                                                                                           |
| Montage                                 | Montage sur rail DIN                                                                           |
| Langues                                 | Français                                                                                       |
| Garantie                                | 2 ans                                                                                          |

## Montage

### Montage : Montage sur Rail DIN

## Câblage

| Types                                                     | Bornier coté contrôleur Maître | Bornier coté Extension 4L | Bornier coté lecteur RS485 | Bornier coté lecteur TTL | Bornier coté Inputs | Bornier coté verrouillage |
|-----------------------------------------------------------|--------------------------------|---------------------------|----------------------------|--------------------------|---------------------|---------------------------|
| Alimentation (12Vdc)                                      | +12V                           | +12V                      | /                          | /                        | /                   | /                         |
|                                                           | GND                            | GND                       | /                          | /                        | /                   | /                         |
|                                                           | GND                            | GND                       | /                          | /                        | /                   | /                         |
| Autoprotection & powertest*                               | Autoprotection                 | /                         | /                          | /                        | /                   | /                         |
|                                                           | Powertest                      | /                         | /                          | /                        | /                   | /                         |
| Inputs (bouton poussoir, bris de glace, contact de porte) | IN A                           | IN A                      | /                          | /                        | NC ou NO            | /                         |
|                                                           | IN B                           | IN B                      | /                          | /                        | NC ou NO            | /                         |
|                                                           | IN C                           | IN C                      | /                          | /                        | NC ou NO            | /                         |
|                                                           | GND                            | GND                       | /                          | /                        | COM                 | /                         |
|                                                           | GND                            | GND                       | /                          | /                        | /                   | /                         |
| Reader (lecteur de badge, clavier à code, ...)            | +12V                           | +12V                      | +12V                       | +12V                     | /                   | /                         |
|                                                           | GND                            | GND                       | - ou GND                   | - ou GND                 | /                   | /                         |
|                                                           | D0/L+                          | D0/L+                     | L+                         | D0                       | /                   | /                         |
|                                                           | D1/L-                          | D1/L-                     | L-                         | D1                       | /                   | /                         |
|                                                           | LEDG                           | LEDG                      | /                          | LEDG                     | /                   | /                         |
|                                                           | LEDR                           | LEDR                      | /                          | LEDR                     | /                   | /                         |
| Relay (verrouillage)                                      | NC                             | NC                        | /                          | /                        | /                   | NC                        |
|                                                           | COM                            | COM                       | /                          | /                        | /                   | COM                       |
|                                                           | COM                            | COM                       | /                          | /                        | /                   | COM                       |
|                                                           | NO                             | NO                        | /                          | /                        | /                   | NO                        |
| MASTER to Extension & Extension to Extension              | +12V                           | +12V                      | /                          | /                        | /                   | /                         |
|                                                           | GND                            | GND                       | /                          | /                        | /                   | /                         |
|                                                           | OUT A                          | IN A                      | /                          | /                        | /                   | /                         |
|                                                           | OUT B                          | IN B                      | /                          | /                        | /                   | /                         |

\* Seulement si le contrôleur est dans un coffret d'alimentation

## Mise en service

La configuration du contrôleur, incluant notamment le paramétrage des adresses IP et la gestion des droits d'accès, s'effectue via son interface.

### Quitter le mode chantier

Pour sortir les contrôleurs du mode chantier, appuyez une fois sur le bouton RST situé à côté des borniers rouges.

### Connexion au contrôleur

- Ouvrez un navigateur internet (Chrome, Mozilla, Edge, etc.).
- Saisissez l'adresse IP du contrôleur dans la barre de recherche (192.168.1.150 par défaut).
- Connectez-vous :
  - Identifiant : admin
  - Mot de passe : numéro de série du contrôleur (situé au dos du produit ou dans le coffret d'alimentation).

### Reset IP des contrôleurs

Pour réinitialiser l'adresse IP, appuyez sur le bouton RST à côté du bornier rouge pendant 5s jusqu'au clignotement de la led orange. (adresse IP par défaut : 192.168.1.150)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

La Directive Européenne 2012/19/UE sur les Déchets des Équipements Électrique et Électronique (DEEE), exige que les appareils électroniques usagés ne soient pas jetés dans le flux normal des déchets électroniques. Les appareils usagés doivent être collectés séparément afin d'optimiser le taux de récupération et le recyclage des matériaux qui les composent et réduire l'impact sur la santé humaine et l'environnement. Le symbole de la poubelle barrée est apposé sur tous les produits pour rappeler les obligations de la collecte séparée. Les consommateurs devront contacter les autorités locales ou leurs revendeurs concernant la démarche à suivre pour l'enlèvement de leur appareil.

Conformément à la législation le niveau de conformité à la directive européenne 2014/30/UE, dite CEM, nos contrôleurs sont conformes aux normes : EN 50130-4 pour immunité et EN 55032 pour l'émission. Ils sont aussi conforme aux exigences essentielles des directives POC 2013/35/UE et répondent à la norme EN 62311 : 2008, selon la recommandation 1999/519/CE. Une copie de notre déclaration est disponible sur demande à l'adresse : [qualite@unicacces-groupe.com](mailto:qualite@unicacces-groupe.com)

Nos produits doivent être installés par des professionnels qualifiés. Dans le cadre d'une installation et/ou d'une utilisation incorrecte qui notamment ne suivent pas les recommandations indiquées (non exhaustives) ci-dessus, UNICACCES-GROUPE ne pourra être retenu pour responsable.

## General Information

### Visual



## Door Control

|                              |                     |   |
|------------------------------|---------------------|---|
| Readers                      | 3                   | 4 |
| Identifiers                  | 10000               |   |
| Central Unit/Reader Protocol | OSDP V1/TTL/SSCP V2 |   |
| Central Unit/Hub Protocol    | ONVIF A et C        |   |
| Chainable extension          | From 0 to 8         |   |

**Only the first extension can be powered by the master controller; the others must be powered by an independent power supply.**

## Power Supply

|                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| Input power                     | 12V (DC) 1,5A or 48V (DC) 1,5A (with POE module) |
| Relay                           | 4                                                |
| Relay information               | NO/NC 48V / 2A max                               |
| LED output                      | 6                                                |
| LED output information          | LEDs 24V / 100mA max                             |
| Logical inputs                  | 12                                               |
| Logical input voltages          | 0-24V max                                        |
| Power supply output             | 4                                                |
| Power supply output information | 12V / 250mA                                      |

## I/O Interface

|         |                                                                          |                                                                           |
|---------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Readers | 3 configurable<br>reader input:<br>TTL (Wiegand) or<br>RS485 (OSPD/SSCP) | 4 configurable<br>reader inputs:<br>TTL (Wiegand) or<br>RS485 (OSPD/SSCP) |
|---------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|

## Wiring requirements

|                                       |                                                                   |
|---------------------------------------|-------------------------------------------------------------------|
| Network cable / controller            | 4 paires F/FTP/Cat6                                               |
| Controller / reader cable             | 2 shielded twisted pairs Type LIYCY-P<br>2x2x0.75 mm <sup>2</sup> |
| Maximum length<br>controller / reader | WIEGAND – 100 m<br>SSCP / OSDP – 750 m                            |

## Other information

|                                     |                                                                              |
|-------------------------------------|------------------------------------------------------------------------------|
| Connectors                          | Color-coded double terminal block and detachable (up to 1.5mm <sup>2</sup> ) |
| Operating and storage<br>conditions | Ethernet port 10/100 Mbps<br>From 0°C to 50°C                                |
| Certifications                      | EMC / Electrical Safety / FCC / UL                                           |
| Dimensions H x W x L                | 60 x 95 x 160                                                                |
| Weight                              | 249g                                                                         |
| Mounting                            | DIN rail mounting                                                            |
| Languages                           | French, English, Spanish                                                     |
| Warranty                            | 2 years                                                                      |

## Installation

### Mounting : DIN rail mounting

### Wiring

| Types                                                 | Controller-side terminal block | Extension side terminal block | RS485 reader-side terminal block | TTL reader-side terminal block | Inputs-side terminal block | Locking-side terminal block |
|-------------------------------------------------------|--------------------------------|-------------------------------|----------------------------------|--------------------------------|----------------------------|-----------------------------|
| Power supply<br>(12V DC)                              | +12V                           | +12V                          | /                                | /                              | /                          | /                           |
|                                                       | GND                            | GND                           | /                                | /                              | /                          | /                           |
|                                                       | GND                            | GND                           | /                                | /                              | /                          | /                           |
| Autoprotection &<br>powertest*                        | Autoprotection                 | /                             | /                                | /                              | /                          | /                           |
|                                                       | Powertest                      | /                             | /                                | /                              | /                          | /                           |
| Inputs<br>(push button, glass break,<br>door contact) | IN A                           | IN A                          | /                                | /                              | NC ou NO                   | /                           |
|                                                       | IN B                           | IN B                          | /                                | /                              | NC ou NO                   | /                           |
|                                                       | IN C                           | IN C                          | /                                | /                              | NC ou NO                   | /                           |
|                                                       | GND                            | GND                           | /                                | /                              | COM                        | /                           |
| Reader<br>(card reader, keypad, etc.)                 | +12V                           | +12V                          | +12V                             | +12V                           | /                          | /                           |
|                                                       | GND                            | GND                           | - ou GND                         | - ou GND                       | /                          | /                           |
|                                                       | D0/L+                          | D0/L+                         | L+                               | D0                             | /                          | /                           |
|                                                       | D1/L-                          | D1/L-                         | L-                               | D1                             | /                          | /                           |
|                                                       | LEDG                           | LEDG                          | /                                | LEDG                           | /                          | /                           |
|                                                       | LEDR                           | LEDR                          | /                                | LEDR                           | /                          | /                           |
| Relay<br>(locking)                                    | NC                             | NC                            | /                                | /                              | /                          | NC                          |
|                                                       | COM                            | COM                           | /                                | /                              | /                          | COM                         |
|                                                       | COM                            | COM                           | /                                | /                              | /                          | COM                         |
|                                                       | NO                             | NO                            | /                                | /                              | /                          | NO                          |
| MASTER to Extension<br>&<br>Extension to Extension    | +12V                           | +12V                          | /                                | /                              | /                          | /                           |
|                                                       | GND                            | GND                           | /                                | /                              | /                          | /                           |
|                                                       | OUT A                          | IN A                          | /                                | /                              | /                          | /                           |
|                                                       | OUT B                          | IN B                          | /                                | /                              | /                          | /                           |

\* Only if the controller is in a power supply enclosure

## Deployment

The controller's configuration, including IP address settings and access rights management, is performed through its interface.

### Exit construction mode

To exit construction mode on the controllers, press the RST button located next to the red terminals once.

### Controller connection

- 1 – Open a web browser (Chrome, Mozilla, Edge, etc.).
- 2 – Enter the controller's IP address in the search bar (192.168.1.150 by default).
- 3 – Log in:
  - Username: admin
  - Password: controller's serial number (located on the back of the product or in the power supply enclosure).

### Reset controller IP

To reset the IP address, press the RST button next to the red terminal block for 5 seconds until the orange LED starts flashing. (Default IP address: 192.168.1.150)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

The European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE) requires that used electronic devices should not be disposed of in the normal flow of electronic waste. Used devices must be collected separately to optimize recovery rates and recycling of the materials they contain and reduce the impact on human health and the environment. The crossed-out trash bin symbol is placed on all products to remind users of the separate collection obligations. Consumers must contact local authorities or their retailer regarding the procedure for removal of their device.

In accordance with European legislation, the level of compliance with Directive 2014/30/EU, the EMC Directive, our controllers comply with the standards: EN 50130-4 for immunity and EN 55032 for emissions. They also comply with the essential requirements of the POC Directive 2013/35/EU and meet the EN 62311: 2008 standard, according to recommendation 1999/519/EC. A copy of our declaration is available upon request at: [qualite@unicacces-groupe.com](mailto:qualite@unicacces-groupe.com)

Our products must be installed by qualified professionals. In the event of improper installation and/or usage that does not follow the recommendations outlined above (non-exhaustive), UNICACCES-GROUPE cannot be held responsible.