

# Caméra de surveillance radio Full HD supplémentaire

## Mode d'emploi

### 1. Introduction

Veuillez lire intégralement et attentivement cette notice d'utilisation. Cette notice d'utilisation fait partie intégrante de ce produit et contient des informations importantes concernant la mise en service et la manipulation.

Respectez toujours les consignes de sécurité. Si vous avez des questions ou si vous avez un doute s'agissant de l'utilisation des appareils, veuillez demander conseil à un technicien professionnel.

Conservez soigneusement ces instructions et remettez-les à toute personne utile.

### 2. Utilisation conforme aux instructions

La caméra de surveillance radio supplémentaire est composée d'une caméra DW500K avec détecteur de mouvements PIR intégré et un bloc d'alimentation.

La caméra additionnelle est un accessoire optionnel pour un ensemble DW500 Set. Elle sert à la surveillance des bâtiments (par exemple des pièces, des portes et des entrées) à l'appui d'images et de son. La transmission des images et du son vers le moniteur s'effectue sans fil à une fréquence de 2,4 GHz.

L'alimentation électrique de la caméra DW500K s'est assurée par l'adaptateur fourni qui doit être branché au secteur 230 V ~ AC, 50 Hz. Lorsque les conditions de lumière sont suffisantes, la caméra transmet une image en couleurs. Si l'éclairage ambiant est insuffisant, l'éclairage infrarouge intégré se met automatiquement en marche. L'infrarouge éclaire à proximité (jusqu'à 12 m) et l'image vidéo passe en mode noir & blanc pour une meilleure sensibilité. Afin d'optimiser la qualité de l'image de jour comme de nuit, le filtre interne est interverti mécaniquement lors du changement.

Si l'on souhaite une surveillance dans l'obscurité ou si les conditions de lumière ne sont pas bonnes, il est recommandé d'installer un éclairage supplémentaire.

Le moniteur peut recevoir les images de quatre caméras sans fil DW500K. Les canaux peuvent être sélectionnés un à un manuellement ou l'un après l'autre automatiquement en séquences. Ils peuvent également être visionnés sur un écran partagé en deux ou en quatre.

La transmission radio s'effectue par une transmission numérique sur des fréquences changeant continuellement (hopping fréquence) qui sont synchronisées entre la caméra et le récepteur. Seul le moniteur qui est "couplé" à la caméra peut recevoir les signaux synchronisés. Ce qui permet une protection contre les écoutes indésirables.

La caméra est insensible aux intempéries (type de protection IP65) et peut ainsi servir à la surveillance des lieux intérieurs et même extérieurs à condition d'être montée dans un endroit protégé. L'adaptateur doit toutefois être protégé contre l'humidité et l'eau.

Cette caméra est conçue pour être utilisée dans les habitations privées. Veuillez respecter les réglementations portant sur les systèmes de surveillance vidéo dans les espaces publics et professionnels. Une surveillance vidéo ne vous libère pas de votre obligation de précaution, de prudence ou de contrôle.

Toute autre utilisation ou toute modification des appareils est considérée non conforme et présente des risques d'accidents considérables. Le fabricant ne pourra nullement être tenu responsable des dommages résultant d'une mauvaise utilisation.

Cet ensemble de surveillance est conçu pour être utilisé dans les habitations privées. Veuillez respecter les réglementations portant sur les systèmes de surveillance vidéo dans les espaces publics et professionnels. Une surveillance vidéo ne vous libère pas de votre obligation de précaution, de prudence ou de contrôle.

### 3. Pièces fournies à la livraison (voir fig.A)

- Caméra DW500K avec support de fixation et câble de branchement 3,2 m pour l'adaptateur
- Antenne
- Adaptateur 9 V DC
- Matériel de fixation pour caméra
- Instructions d'utilisation

### 4. Caractéristiques techniques

#### Caméra DW500K

Tension d'alimentation	9 V  DC (adaptateur)
Consommation de courant	ma. 530 mA
Capteur d'image	1/2.7" 1080p CMOS
Résolution	max. 1920 x 1080p
Objectif	3,6 mm/F1.9 (filtre IR cut)
Angle de saisie	ca. 84° horizontale
Sensibilité lumineuse	5 lux (sans IR-LEDs)
Capteur de crépuscule	8-15 lux
Illumination	16 diodes DEL infrarouges
Filtre infrarouge	changement automatique

Prévoyance (nuit)	max. 12 m
Zone de détection du détecteur de mouvement PIR	7 m, max. 50°
Microphone/Haut-parleur	Intégré
Longueur du câble de la caméra	3,2 m
Typ de protection	IP65
Dimensions sans antenne et protection solaire (mm)	128 x Ø 67
Température de fonctionnement	- 10 °C à + 40 °C

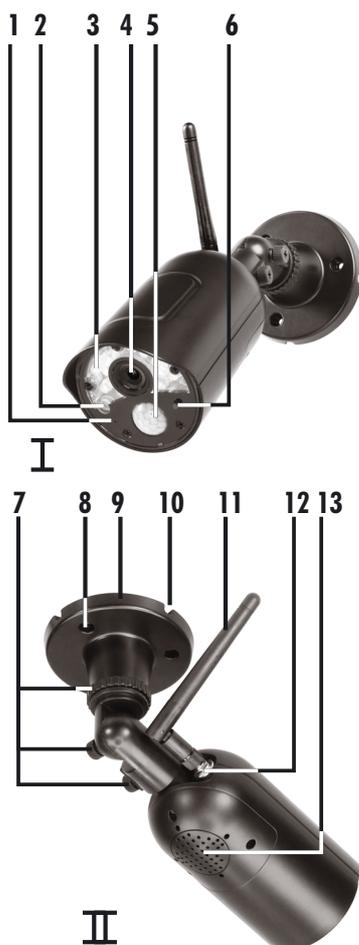
### Adaptateur

Modèle d'identification	CS6F
Tension d'entrée:	230 V
Fréquence de courant alternatif d'entrée:	50 Hz
Tension de sortie:	9,0 V DC
Courant de sortie:	0,6 A
Puissance de sortie:	5,4 W
Efficacité moyenne en fonctionnement:	79,5 %
Rendement à faible charge:	79,2 %
Puissance absorbée à charge zéro:	0,07 W

## 5. Équipement

### Caméra DW500K

- 1 Microphone
- 2 Capteur de crépuscule
- 3 Diodes DEL infrarouges
- 4 Objectif
- 5 Détecteur de mouvement PIR
- 6 Touche Pairing
- 7 Vis de blocage
- 8 Trou pour vis
- 9 Support de fixation
- 10 Passe câble
- 11 Antenne
- 12 Prise femelle d'antenne
- 13 Haut-parleur



### Accessoires

- 14 Tampon
- 15 Adaptateur
- 16 Vis



## 6. Consignes de sécurité

Les informations suivantes ont pour but d'assurer votre sécurité et votre satisfaction lorsque vous utilisez l'interphone. Attention: si vous ne respectez pas ces consignes de sécurité, vous vous exposez à un risque considérable d'accident.

**⚠ Danger !** Le non respect de cette consigne peut mettre votre vie ou votre santé ou des dégâts matériels en danger.

- Ne laissez pas l'appareil, ni le matériel d'emballage, ni les petites pièces sans surveillance en présence de petits enfants! Danger de mort par étouffement!
- Veillez à ne pas abîmer les conduites de gaz ou d'eau, ni les fils de courant électrique ou de télécommunications lors des opérations de perçage et de fixation! Risque de blessure ou danger de mort!
- Manipulez avec précaution les câbles d'alimentation électrique! Posez-les de sorte qu'ils ne soient pas abîmés et que personne ne trébuche. Ne tirez pas les câbles sur des arêtes vives, et veillez à ne pas les écraser et à ne pas les pincer. Risque de blessure, voire danger de mort!
- Pour la surveillance de bébés ou d'enfants en bas âge, veillez à ce que la caméra et le câble soient hors de portée des enfants. Risque de blessure, voire danger de mort!
- Évitez que les adaptateurs soient en contact avec de l'humidité et ne plongez pas les appareils dans l'eau! Danger de mort!
- Ne faites fonctionner les appareils qu'avec les adaptateurs fournis. Avant de brancher l'appareil sur le secteur, assurez-vous que les prescriptions soient respectées, donc que le courant d'alimentation est de 230 V ~ AC, 50 Hz et qu'il y a un disjoncteur.
- Ce système envoie et utilise un signal radio. Si les appareils ne sont pas installés et utilisés en conformité avec les instructions, ils peuvent provoquer des interférences avec d'autres appareils ou leur fonctionnement peut être perturbé. Essayez d'éviter ces interférences en changeant par exemple les appareils de place.
- N'exposez pas les appareils au feu, ni à la chaleur, ni à des températures longtemps élevées!
- Protégez les appareils des secousses et des sollicitations mécaniques importantes!
- Protégez les appareils des champs magnétiques ou électriques importants!
- N'utilisez les appareils qu'avec les pièces livrées d'origine ou les accessoires de la même marque!
- Vérifiez, avant l'assemblage et la mise en service, que la livraison est complète et qu'elle ne présente pas de détérioration!
- Lorsque vous n'utilisez pas la caméra pendant un certain temps, débranchez toujours les adaptateurs de la prise de courant.
- Ne branchez pas l'appareil s'il est abîmé (par exemple suite à des dégâts de transport). En cas de doute, demandez au service après-vente. Les interventions et les réparations sur les appareils ne doivent être effectuées que par du personnel spécialisé.
- En cas de dégâts, débranchez les chargeurs secteurs immédiatement des prises de courant. Autrement danger de mort!

## 7. Placement des appareils

Avant de monter la caméra, étudiez l'emplacement de montage. Vérifiez depuis cet emplacement, avant de procéder au montage, le fonctionnement de la caméra et la transmission radio.

Respectez les points suivants :

- La caméra doit être mise en place de sorte qu'il n'y ait pas, dans la mesure du possible, de lumière ni de rayons du soleil directement sur l'objectif sinon l'image peut être saturée. N'oubliez pas que le soleil tourne. Le mieux est de contrôler l'image de la caméra avant le montage. Mettez à cet effet l'appareil en service et tenez la caméra à l'emplacement souhaité. Modifiez si nécessaire la position de la caméra jusqu'à ce que vous obteniez le format d'image désiré.
- Choisissez la distance entre la caméra et l'objet selon le niveau de détail désiré.
- La caméra dispose d'un éclairage infrarouge pour les zones rapprochées. Celui-ci est déclenché par le capteur de crépuscule. Vous pouvez améliorer la qualité de l'image de la caméra avec un éclairage supplémentaire pour la nuit.
- Veillez à ce que l'emplacement de montage de la caméra et du moniteur soit si possible exempt de poussière et de vibrations et qu'il y ait une bonne circulation d'air.
- Veillez à ce qu'il y ait une prise de courant à proximité. Vous pouvez également utiliser une rallonge (VKD-6M, voir chapitre 18).
- Si vous souhaitez monter la caméra à l'extérieur, vous devez dans la mesure du possible protéger l'emplacement de montage contre la pluie. L'adaptateur doit être à l'intérieur. La fiche de câble de raccordement au câble de l'adaptateur doit être isolée de telle manière que l'humidité ne puisse y pénétrer.
- Veillez à disposer d'un passage adéquat pour la mise en place du câble d'adaptateur à l'emplacement de montage.
- Pour les enregistrements de nuit, ne tournez pas la caméra vers l'extérieur depuis une fenêtre en verre, car cela nuit à la qualité de l'image à cause de la réflexion des rayons infrarouges.
- Si vous souhaitez démarrer des enregistrements automatiques par détection de mouvement, veillez à ce que l'arrière-plan de l'image prise par la caméra dans la zone de détection du capteur de mouvements PIR soit fixe (par exemple pas d'arbres dont les branches peuvent bouger en cas de vent).
- Portée radio  
La portée maximale de la transmission radio est de 150 m environ (ou dans des conditions optimales jusqu'à 200 m) avec un contact visuel entre la caméra et le moniteur. Dans les bâtiments, la portée est nettement plus faible (typiquement env. 20 m) à cause des murs (notamment les murs en béton armé) et des plafonds. Cette portée ne peut cependant pas être garantie car les conditions sur le site peuvent avoir une influence négative. Les influences suivantes peuvent réduire cette portée :
  - les murs et les plafonds, particulièrement ceux en béton armé ou en métal
  - surfaces tôleées par ex. réfrigérateur, rayonnages tôleés

- vitres laminées (par ex. des vitres à économie d'énergie), radiateurs, surfaces métalliques
- des champs électriques très puissants et d'autres appareils radio, par ex. fours à micro-ondes, radiotéléphones, téléphones mobiles, appareils radio dans la plage de 2,4 GHz, moteurs électriques et lignes à haute tension.
- Appareils branchés sur la même longueur d'onde ou sur une longueur d'onde voisine (par ex. un système Wi-Fi)

Quelles sont les possibilités d'amélioration ?

- Pour le montage, utilisez une rallonge d'antenne disponible en option, et installez l'antenne [11] sur la paroi intérieure du mur.

Remarque :

Si une bande verticale noire est visible sur l'écran, tapotez légèrement sur le boîtier de la caméra ou obstruez brièvement avec la main la face avant de la caméra ou débranchez brièvement la caméra du secteur. Cette bande est due au "blocage" du mécanisme de rotation, ce qui arrive notamment lors d'une mauvaise orientation ou d'un mouvement de la caméra.

## 8. Montage et raccordement de la caméra

La caméra est prévue pour être posée au mur ou à la couverture (voir fig. A: I + II).

- Fixez la caméra au support de fixation [9] avec les vis [16] fournies et, le cas échéant, à l'aide de chevilles [4] à un emplacement adapté.
- Positionnez la caméra au support à l'aide des trois vis de fixation [7].
- Tournez l'antenne [11] sur la prise femelle d'antenne [12].
- Tournez l'antenne de manière à ce qu'elle soit aussi verticale que possible.
- Branchez la fiche mâle de petite tension de l'adaptateur 9 V [15] sur la prise de tension de service de la caméra.
- Branchez l'adaptateur de secteur sur une prise électrique qui convient.

Remarque:

Vous pouvez également raccorder la caméra à un bloc d'alimentation encastrable OTTO-9/1000.

## 9. Etablissement de la connexion

La caméra additionnelle et le moniteur DW500M doivent être reliés (pairing) pour établir une connexion radio. La caméra contenue dans le kit DW500 Set est couplée par défaut avec le canal 1 de moniteur. Pour brancher une caméra additionnelle (jusqu'à un maximum de 3 autres caméras) sur le moniteur, procédez de la façon suivante:

- Appuyez sur le bouton de menu  à l'écran du moniteur.
- Appuyez sur "Réglages généraux".
- Appuyez sur "Configuration caméra".
- appuyez sur "Appariement".
- choisissez l'un des canaux de caméra 2, 3, ou 4.
- Une fois que le compte à rebours commence à "30", appuyez sur la touche d'appariement [6] qui se trouve à l'avant de la caméra supplémentaire dans un délai de 30 secondes. Si l'appariement a

réussi, le message "Appariement réussi" s'affiche et l'image en direct de la caméra apparaît à l'écran.

Remarque:

Si l'appariement a échoué, le message "Aucune concordance" apparaît. Dans ce cas, éloignez davantage la caméra du moniteur si elle était auparavant trop proche de ce dernier ou, plus près du moniteur, si elle en était plus éloignée auparavant.

## 10. Entretien et nettoyage

- Les appareils ne demandent aucun entretien: C'est pourquoi, vous ne devez jamais les ouvrir.
- Vérifiez régulièrement la sécurité technique et le fonctionnement de l'appareil.
- Avant le nettoyage, débranchez les adaptateurs de la prise de courant.
- Extérieurement, les appareils ne doivent être nettoyés qu'avec un pinceau ou un chiffon doux légèrement humide. Ceci doit être de temps en temps effectué, avant tout pour les caméras, car les salissures limitent le champ de vision ou peuvent causer des réflexions la nuit (par ex. une toile d'araignée).

## 11. Élimination



Ne jetez pas le matériel d'emballage et les appareils eux-mêmes, mais amenez-les à des emplacements de récupération.

La déchetterie ou l'emplacement de recyclage le plus proche vous seront communiqués par votre administration communale.

## 12. Déclaration de conformité simplifiée



Le soussigné, INDEXA GmbH, déclare que l'équipement radioélectrique du type DW500K est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: [http://www.indexa.de/w2/f\\_CE.htm](http://www.indexa.de/w2/f_CE.htm).

## 14. Résolution des problèmes

Veuillez vous reporter au chapitre "Résolution des problèmes" du mode d'emploi du set.

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