

SAMSUNG TECHWIN

CONTRÔLEUR SYSTÈME

Manuel d'utilisation

SPC-6000



SAMSUNG

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Contrôleur Système

Manuel d'utilisation

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- ❖ **La conception et les caractéristiques techniques sont susceptibles d'être modifiées sans préavis.**
- ❖ **Le mot de passe par défaut peut être exposé à un fil de piratage ; il est donc recommandé de modifier le mot de passe après l'installation de l'appareil.**
Notez que l'utilisateur sera tenu pour responsable de tout problème relatif à la sécurité ou autre provoqué par un mot de passe inchangé.

INSTRUCTIONS IMPORTANTES RELATIVES À LA SÉCURITÉ

1. Veuillez lire ces instructions.
2. Conservez ces instructions.
3. Prêtez attention à tous les avertissements.
4. Veuillez suivre toutes les instructions.
5. N'utilisez pas cet appareil à proximité de l'eau.
6. Nettoyez-le avec un tissu sec.
7. N'obstruez pas les ouvertures de ventilation.
Procédez à l'installation conformément aux instructions du fabricant.
8. Ne pas installer l'appareil à proximité de sources de chaleur comme les radiateurs, les registres de chaleur et les autres appareils (incluant les amplificateurs) produisant de la chaleur.
9. Veillez à vous conformer aux sécurités des prises de terre et polarisées.
Une prise dite polarisée est composée de deux fiches, une plus large que l'autre. Une prise de terre est composée de deux fiches et d'une troisième fiche pour la terre. La troisième fiche, plus large que les deux autres, est fournie pour votre sécurité. Si la prise qui vous est fournie ne correspond pas à votre prise murale, demandez à un électricien de remplacer la prise obsolète.
10. Veillez à ce que personne ne marche ou se prenne les pieds dans le cordon d'alimentation et particulièrement au niveau des fiches et des prises de courant et au niveau où ils se situent.
11. N'utilisez que des accessoires ou des produits additionnels spécifiés par le fabricant.
12. Utilisez uniquement un chariot, un socle, un trépied, un support ou une table recommandés par le fabricant ou vendus avec l'appareil. Si vous utilisez un chariot, déplacez le chariot transportant l'appareil avec précaution afin d'éviter les blessures que pourrait entraîner un basculement accidentel.
13. Débranchez cet appareil en cas d'orage ou de non-utilisation prolongée.
14. Veuillez faire appel au personnel qualifié pour tous travaux de maintenance.
Les travaux de maintenance sont nécessaires si l'appareil a été endommagé de quelque manière que ce soit, comme cordon d'alimentation endommagé, liquide répandu, objets tombés sur l'appareil, appareil exposé à la pluie et à l'humidité, il ne fonctionne pas normalement ou est tombé par terre.



présentation

AVERTISSEMENT

AFIN DE RÉDUIRE LE RISQUE D'INCENDIE OU DE DÉCHARGE ÉLECTRIQUE, N'EXPOSEZ PAS CET APPAREIL À LA PLUIE NI À L'HUMIDITÉ. NE PAS INSÉRER D'OBJET MÉTALLIQUE PAR LES FENTES DE VENTILATION OU TOUTE AUTRE OUVERTURE SITUÉE SUR L'ÉQUIPEMENT.

Veillez à éviter toute projection de liquide sur l'appareil et ne placez jamais sur celui-ci des récipients contenant des liquides, tels que des vases.

ATTENTION

	ATTENTION RISQUE DE ECHOC ELECTRIQUE NE PAS OUVRIR	
ATTENTION : POUR REDUIRE LES RISQUES DE CHOCS ELECTRIQUES, NE RETIREZ PAS LE COUVERCLE (OU LA PARTIE ARRIERE) LES PIECES INTERIEURES NE SONT PAS ACCESSIBLES A L'UTILISATEUR. FAITES APPEL AU PERSONNEL DE MAINTENANCE QUALIFIE.		

EXPLICATION DES SYMBOLES GRAPHIQUES



Le symbole de l'éclair se terminant par une flèche inscrit dans un triangle équilatéral sensibilise l'utilisateur à la présence d'une « tension élevée » au sein de l'unité, susceptible d'être suffisamment puissante pour présenter un risque de décharge électrique.



Le symbole de point d'exclamation inscrit dans un triangle équilatéral sensibilise l'utilisateur à la présence d'importantes instructions de fonctionnement et de maintenance (entretien et réparation) dans la documentation accompagnant l'appareil.

Veuillez lire attentivement les consignes de sécurité recommandées ci-après.

Ne placez pas cet appareil sur une surface inégale. 	N'installez pas l'appareil sur une surface où il pourrait être exposé à la lumière directe du soleil ou situé à proximité d'un équipement de chauffage ou d'une zone exposée à un froid extrême. 
Ne placez pas cet appareil à proximité de tels équipements. 	N'essayez de réparer cet appareil vous-même. 
Évitez de placer un verre d'eau sur ce produit. 	N'installez pas le produit à proximité de sources magnétiques. 
Ne bloquez pas les ouvertures de ventilation. 	Ne placez pas d'éléments lourds sur le produit. 

Le guide de l'utilisateur est un manuel d'instructions portant sur l'utilisation du produit.

La signification des indications fournies dans le manuel est comme suit :

- Référence : Dans le cas de la fourniture d'informations pour aider à l'utilisation du produit.
 - Notification : En cas de risques d'endommagement du produit et de blessures à l'utilisateur provoqués par le non respect des instructions fournies.
- ※ Veuillez lire ce manuel et notamment les passages liés à la sécurité du produit, et gardez-le en lieu sûr.

présentation



Cet équipement a été testé et se conforme aux limites relatives à un appareil numérique de classe A, conformément à la partie 15 des Réglementations FCC. Ces limites sont élaborées pour fournir un degré raisonnable de protection contre les interférences dangereuses si l'équipement fonctionne dans un environnement commercial.

Cet équipement génère, utilise et peut produire une énergie à radio fréquence, s'il n'est pas installé et utilisé selon le manuel d'instruction, il peut causer des interférences nuisibles aux communications radiophoniques.

Le fonctionnement de cet équipement au sein d'une zone résidentielle peut provoquer des interférences dangereuses, dans ce cas l'utilisateur est sommé de corriger l'interférence à ses propres frais.



Samsung Techwin se soucie de l'environnement à toutes les phases de fabrication du produit et s'engage à tout mettre en oeuvre pour offrir à ses clients des produits plus respectueux de l'environnement.

La marque Eco représente l'engagement de Samsung Techwin à créer des produits respectueux de l'environnement et indique que le produit est conforme à la Directive RoHS de l'Union européenne.



Les bons gestes de mise au rebut de ce produit (Déchets d'équipements électriques et électroniques)

(Applicable dans les pays de l'Union Européenne et dans d'autres pays européens pratiquant le tri sélectif)

Ce symbole sur le produit, ses accessoires ou sa documentation indique que ni le produit, ni ses accessoires électroniques usagés (chargeur, casque audio, câble USB, etc.) ne peuvent être jetés avec les autres déchets ménagers. La mise au rebut incontrôlée des déchets présentant des risques environnementaux et de santé publique, veuillez séparer vos produits et accessoires usagés des autres déchets. Vous favoriserez ainsi le recyclage de la matière qui les compose dans le cadre d'un développement durable.

Les particuliers sont invités à contacter le magasin leur ayant vendu le produit ou à se renseigner auprès des autorités locales pour connaître les procédures et les points de collecte de ces produits en vue de leur recyclage.

Les entreprises et professionnels sont invités à contacter leurs fournisseurs et à consulter les conditions de leur contrat de vente. Ce produit et ses accessoires ne peuvent être jetés avec les autres déchets professionnels et commerciaux.

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FONCTIONS PRINCIPALES

Le contrôleur système SPC-6000 vous permet de contrôler des périphériques externes, tels qu'une caméra PTZ, un magnétoscope numérique ou une matrice via la liaison RS-485. Il fournit une interface conviviale dotée d'un menu à l'écran, d'un écran tactile et d'un levier de commande.

- Télécommande longue portée
- Contrôle d'une plage maximale d'1 km via la liaison RS-485.
- Contrôle système intégré
- Contrôle de toutes les caméras (unité du récepteur), du magnétoscope numérique et de la matrice via le même contrôleur système.
- Activation de la connexion de plusieurs contrôleurs système
- Contrôle du système sur différents sites et connexion simultanée d'un total de 16 contrôleurs.
- Basculement de la position entre le levier de commande et le module de pilotage jog shuttle.
- Basculement gauche-droite des positions du levier de commande et du module de la molette jog shuttle par souci de commodité pour l'utilisateur.
- Interface utilisateur conviviale
Affichage du statut de fonctionnement du contrôle système à l'écran ; sélection de menu aisée grâce à l'écran tactile ; manipulation simple et facile via le levier de commande.

❖ Liste de compatibilité

- Caméra
- MATRIX
SMX-25632
- Magnétoscope numérique
Série SRD-XXXX, série SHR-8/7/6XXX, SVR-1670, SRD-480D

❖ Spécifications de l'adaptateur

- Tension : 1) Entrée (CA) : 100~240 V
2) Sortie (CC) : 12 V
- Capacité (tension de sortie) : 4 A
- Charge standard continue : 48 W
- Température : 1) Température de fonctionnement : 0 ~ +40°C
2) Stockage : -20 ~ +60°C

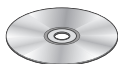
présentation

CONTENU

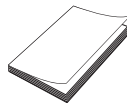
Déballez l'emballage du produit et placez celui-ci au sol ou sur une surface plane.
Vérifiez si tous les éléments suivants sont inclus dans l'emballage.



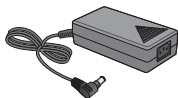
Unité principale



CD du Manuel D'utilisation



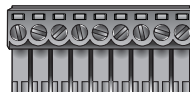
Guide de prise en main rapide



Adaptateur de courant 1EA



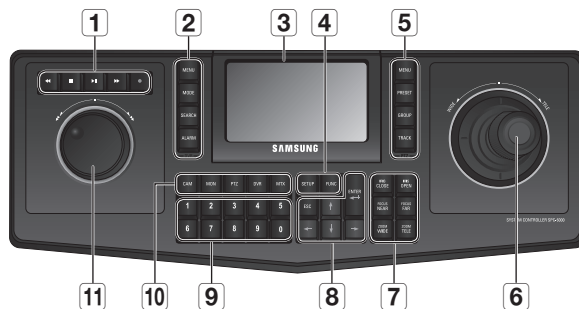
Câble d'alimentation 1EA



Bornier de connexion 1EA

LE CONTRÔLEUR SYSTÈME EN UN COUP D'ŒIL

Face avant

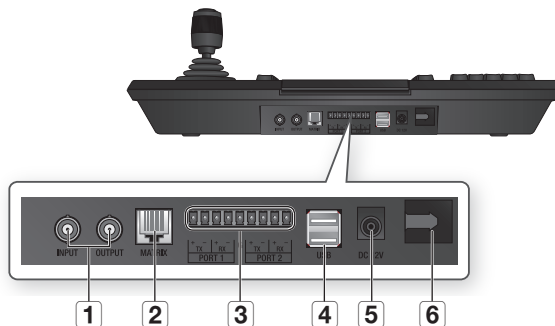


Élément	Description
1 Barre de lecture du magnétoscope numérique	Lecture/Pause, Avance rapide/Retour rapide, Arrêt, Enregistrement
2 Barre de commande du magnétoscope numérique	Accès au menu sélectionné, recherche, sélection d'un mode partagé ou contrôle de l'alarme.
3 Écran LCD	Affichage de l'état de fonctionnement et menu de configuration du contrôleur système.
4 Barre de CONFIGURATION	Appuyez sur le bouton [FUNC] et cliquez sur [SETUP] pour entrer dans le menu Configuration.
5 Barre de fonctionnement de la caméra	Accès au menu PTZ sélectionné ou exécution des options Préposition, Groupe ou Suivre.
6 Contrôleur du levier de commande	Manipulation des opérations Pan/Tilt vers le haut ou le bas en relation avec la caméra PTZ ou l'unité du récepteur. Tournez le levier de commande dans le sens des aiguilles d'une montre ou dans le sens inverse pour commander le zoom. Vous pouvez commander la direction du contrôleur connecté depuis l'écran de menu du contrôleur.

présentation

Élément		Description
7	Barre de l'objectif de la caméra	IRIS
		Permet de commander le diaphragme (CLOSE/OPEN)
		FOCUS
8	Navigation, ENTER, ESC	Permet de régler la mise au point (NEAR/FAR)
		ZOOM
		Zoom avant/arrière (WIDE/TELE)
9	Boutons numériques (0-9)	Navigation
		Navigation via les éléments de menu.
		ENTER
10	Barre de sélection du contrôleur	Permet d'accéder à l'élément souhaité à l'aide des boutons de navigation et de sélectionner celui-ci.
		ESC
		Permet d'annuler l'opération en cours.
11	Molette jog shuttle	Permettent de spécifier les caractères numériques pour régler la caméra, le moniteur, le magnétoscope numérique ou les réglages de préposition.
		10
		Permet de sélectionner une caméra, un moniteur ou un magnétoscope numérique.
12	Molette jog shuttle	Jog
		Permet de chercher l'image en avant/arrière en mode de lecture du magnétoscope numérique.
		Shuttle
13	Molette jog shuttle	Permet de rechercher l'image en Lecture avant/arrière / Avance rapide / Retour rapide du mode de lecture du magnétoscope numérique.
		13
		13

Face arrière



Élément	Description	
1 Entrée/Sortie vidéo	Port d'entrée/sortie vidéo	
2 MATRIX	Port de connexion de matrice	
3 RS-485	PORT 1	Permet la connexion à un contrôleur tel qu'une caméra ou un magnétoscope numérique via la liaison RS-485.
	PORT 2	Permet la connexion à un autre contrôleur système SPC-6000.
4 Port USB	Permet de sauvegarder les réglages du contrôleur système ou de mettre à jour le micrologiciel.	
5 Alimentation	Port d'entrée DC 12V (— —(⚡) +)	
6 Crochet de câble	Empêche de garder le câble d'alimentation à nu. ☒ ■ Veillez à utiliser le crochet du câble lors de l'installation et de l'utilisation du contrôleur.	

- ☒ ■ Le port MATRIX est relié à une ligne de courant, de sorte que vous n'ayez pas à fournir un courant CC 12 V distinct lors de l'utilisation du port MATRIX.
- Le port MATRIX est relié à une seule ligne de courant qui contrôle les signaux de contrôle principal et secondaire.
- Le signal MATRIX est de niveau TTL.
Utilisez le câble d'extension si la distance est inférieure à 10 mètres.

installation

PRÉCAUTIONS

Avant d'installer le produit, lisez les instructions suivantes et veillez à les respecter.

- Le produit est conçu pour un usage en intérieur uniquement.
- Gardez le produit éloigné de toute source d'eau ou d'humidité.
- N'appliquez pas dessus de force excessive.
- Ne tirez pas de force sur le câble d'alimentation.
- Ne démontez pas le produit vous-même.
- Utilisez uniquement la plage E/S nominale.
- Utilisez uniquement le câble d'alimentation fourni.
- Utilisez la fiche électrique reliée à la mise à la terre, si celle-ci est disponible.
- Installez le contrôleur système sur une table plane.
- La disposition appropriée de l'unité principale et du système de câblage est essentielle pour assurer le bon fonctionnement du système.
- Si les dispositifs sont trop proches l'un de l'autre dans un environnement faiblement ventilé, le système pourra ne pas fonctionner correctement.
L'inaccessibilité au système rend toute réparation difficile voire impossible.
- Pour prévenir tout risque de défaillance ou d'arrêt inopiné du système, veillez à laisser suffisamment d'espace libre afin de garantir une ventilation suffisante et rabattez le couvercle fermement.
- Ne démontez pas le contrôleur système de votre propre initiative car un courant de tension élevée circule dans le contrôleur système.
- Température de fonctionnement : 0°C ~ 40°C
- Température de stockage : -20°C ~ 60°C
- Humidité en fonctionnement : 10%~70% RH
- Humidité sur le lieu de stockage : Humidité relative 10% ~ 90%
- Consommation électrique : CC 12V, Max. 4W (— —  — +)

AVANT L'INSTALLATION

- Vous devez mettre le produit hors tension avant de l'installer.
- Un impact ou une vibration brusque peut causer une défaillance du système.
- Gardez le produit hors de portée de tout champ magnétique puissant ou de toute interférence électrique ainsi que des appareils sans fil tels que les postes de radio ou de télévision.
- Veillez à garder constamment le site d'installation propre et sans poussière durant et après la l'installation du produit.
- Placez le produit sur une surface plane et ouverte, à une température optimale. Installez-le au moins à 15 cm du mur.
- N'obstruez pas l'orifice d'aération et n'introduisez aucun objet conducteur à l'intérieur.
- N'exposez pas le produit à la lumière directe du soleil. Gardez les accessoires et les outils hors de portée de tout un chacun afin de prévenir tout risque de dommage physique.
- Ne laissez aucune fumée ou odeur inhabituelle se dégager du produit car ceci peut provoquer un incendie ou un choc électrique.
Le cas échéant, mettez immédiatement le produit hors tension et contactez-nous pour obtenir de l'assistance technique.
- Vous devez immédiatement prendre les mesures appropriées dès que vous constatez ce qui suit : Sol mouillé, rallonge non reliée à la terre, câble d'alimentation effiloché ou absence de mise à la terre sécurisée.



- Utilisez un tissu sec pour nettoyer le produit. Si celui-ci porte d'importantes traces de salissures et de taches, utilisez un tissu trempé dans un détergent neutre pour le nettoyer. N'utilisez jamais des solvants tels que l'alcool, le benzène ou des diluants pour éviter d'endommager la finition du produit.
- Ne faites pas fonctionner l'écran LCD à une température élevée ; il est recommandé d'utiliser l'économiseur d'écran pour la conservation de l'énergie.

RÉGLAGE DE L'ANGLE DE L'ÉCRAN DU CONTRÔLEUR SYSTÈME

Vous pouvez tirer l'écran à l'avant pour une meilleure visibilité.



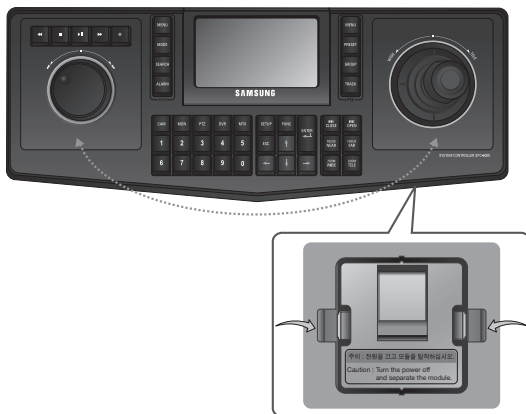
installation

BASCULEMENT DE LA DISPOSITION DU LEVIER DE COMMANDE ET DE LA MOLETTE JOG SHUTTLE

Vous pouvez basculer la position du levier de commande et du module de la molette jog shuttle selon vos besoins.



- Pour basculer entre la gauche et la droite, mettez le contrôleur système hors tension et basculez les modules manuellement. Ou bien appuyez sur **<Changer>** dans le menu de configuration du contrôleur puis faites basculer les modules manuellement. (► page 38)



<Partie inférieure>

1. Appuyez sur les deux crochets situés dans la partie inférieure du contrôleur système pour dégager le module.
2. Retirez les modules du levier de commande et de la molette jog shuttle du contrôleur et faites basculer leur position. À la fin de l'opération, insérez-les à nouveau jusqu'à ce que vous entendiez un déclic.



connexion à un dispositif externe

Le contrôleur système SPC-6000 peut être utilisé en connexion à un dispositif externe tel qu'une caméra ou un magnétoscope numérique.

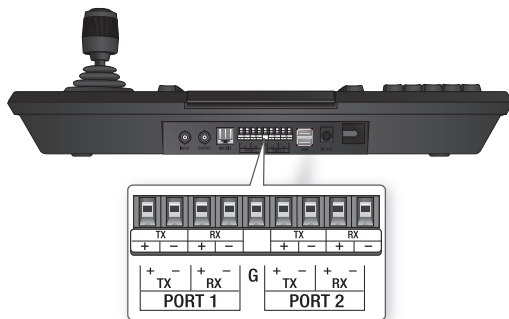
CONNEXION À UN PÉRIPHÉRIQUE RS-485

Le contrôleur système vous permet de commander une caméra PTZ ou un magnétoscope numérique prenant en charge les protocoles de communication RS-485.

1. Connectez le PORT 1, situé à l'arrière, au port RS-485 de la caméra PTZ ou du magnétoscope numérique.
2. Selon le système du périphérique externe, sélectionnez Semi-duplex ou Duplex intégral pour la connexion.

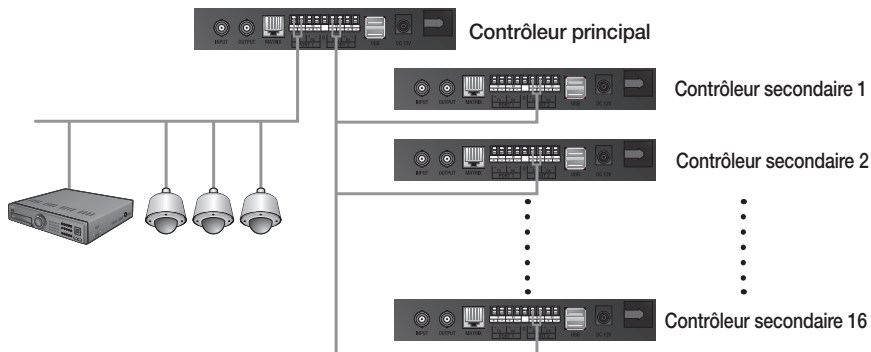


- Pour le système Semi-duplex, utilisez les bornes de réception TX +/-.
- Pour les communications RS-485, il convient d'accorder une attention spéciale à la polarité (+/-).
- Utilisez le bornier de connexion fourni dans l'emballage du produit.
- Vérifiez si le périphérique RS-485 est compatible avec le modèle SPC-6000.

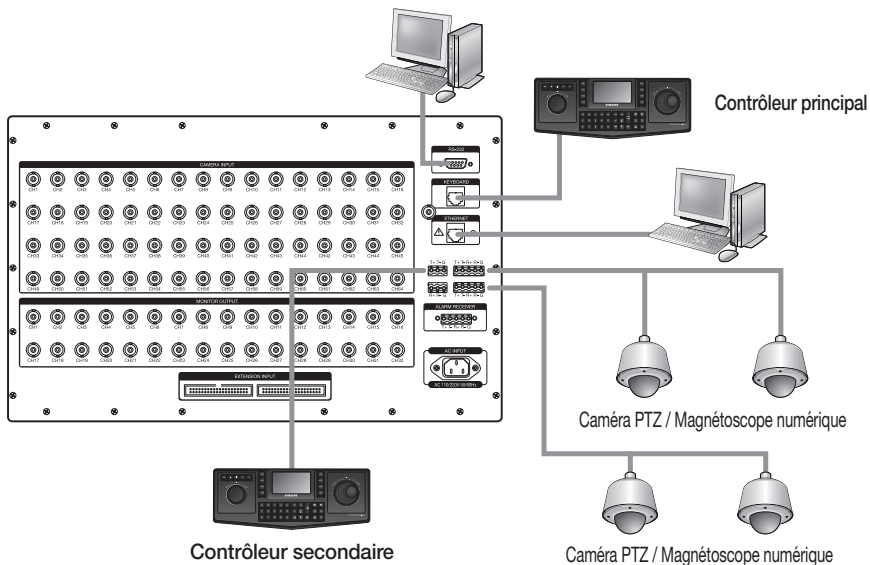


connexion à un dispositif externe

Connexion du clavier sans MATRIX



Connexion du clavier avec MATRIX



1. Connectez le port **[MATRIX]** du contrôleur principal au port **[KEYBOARD]** de la matrice.
Le port MATRIX est relié à une ligne de courant, de sorte que vous n'ayez pas à fournir un courant CC 12 V distinct.
2. Connectez TX+ et TX- sur le contrôleur secondaire respectivement à T+ et T- sur la matrice.
 - Le débit en bauds entre les contrôleurs secondaires synchronisés sur MATRIX est fixé sur 9600 bps.
 - Le réglage ID MATRICE est fixé sur **<SUB 09>**.
3. Connectez le magnétoscope numérique et la caméra PTZ au MATRIX.

connexion à un dispositif externe

Connexion de la caméra PTZ

Vous pouvez contrôler la caméra en connectant le port RS-485 situé à l'arrière de la caméra PTZ au PORT 1 du modèle SPC-6000.



- La polarité peut varier selon la caméra utilisée.

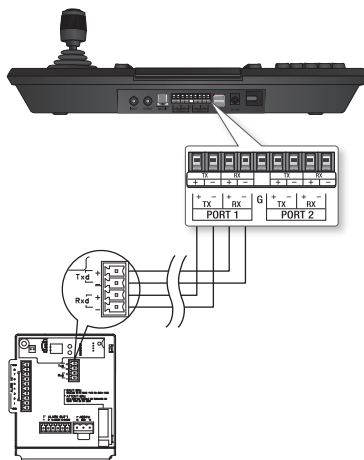
Pour les détails, reportez-vous au manuel d'utilisation de la caméra PTZ.

Pour le système en semi-duplex

- Connectez RX (+) sur le port RS-485 de la caméra PTZ avec TX (+) sur le PORT 1 du modèle SPC-6000.
- Connectez RX (-) sur le port RS-485 de la caméra PTZ avec TX (-) sur le PORT 1 du modèle SPC-6000.

Pour le système en duplex intégral

- Connectez RX (+) sur le port RS-485 de la caméra PTZ avec TX (+) sur le PORT 1 du modèle SPC-6000.
- Connectez RX (-) sur le port RS-485 de la caméra PTZ avec TX (-) sur le PORT 1 du modèle SPC-6000.
- Connectez TX (+) sur le port RS-485 de la caméra PTZ avec RX (+) sur le PORT 1 du modèle SPC-6000.
- Connectez TX (-) sur le port RS-485 de la caméra PTZ avec RX (-) sur le PORT 1 du modèle SPC-6000.



Connexion des magnétoscopes numériques des séries SRD-16XX/8XX et SHR-8/7/6XXX

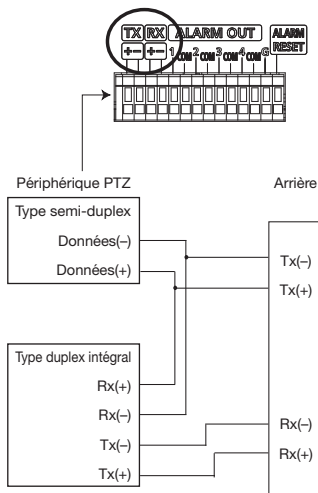
Connectez le magnétoscope numérique et le SPC-6000 via le port RS-485 situé à l'arrière du magnétoscope numérique.

Pour le système en semi-duplex

- Connectez TX (+) sur le port RS-485 du magnétoscope numérique avec TX (+) sur le PORT 1 du modèle SPC-6000.
- Connectez TX (-) sur le port RS-485 du magnétoscope numérique avec TX (-) sur le PORT 1 du modèle SPC-6000.

Pour le système en duplex intégral

- Connectez TX (+) sur le port RS-485 du magnétoscope numérique avec RX (+) sur le PORT 1 du modèle SPC-6000.
- Connectez TX (-) sur le port RS-485 du magnétoscope numérique avec RX (-) sur le PORT 1 du modèle SPC-6000.
- Connectez RX (+) sur le port RS-485 du magnétoscope numérique avec TX (+) sur le PORT 1 du modèle SPC-6000.
- Connectez RX (-) sur le port RS-485 du magnétoscope numérique avec TX (-) sur le PORT 1 du modèle SPC-6000.



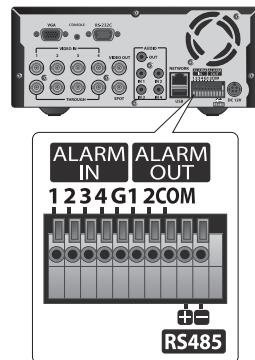
connexion à un dispositif externe

Connexion des modèles de série SRD-4XX ou SHR-604X avec le magnétoscope numérique

Connectez le port RS-485 situé à l'arrière des appareils de série SRD-4XX ou SHR-604X avec le modèle SPC-6000.

❖ Pour le système en semi-duplex

- Connectez TX (+) sur le port RS-485 des unités SRD-4XX ou SHR-604X avec TX (+) sur le PORT 1 du modèle SPC-6000.
- Connectez TX (-) sur les unités SRD-4XX ou SHR-604X avec TX (-) sur le PORT 1 du modèle SPC-6000.

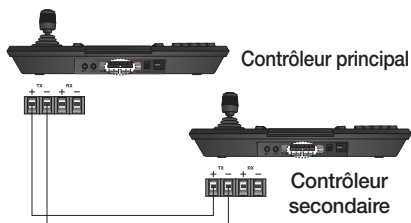


CONNEXION À D'AUTRES CONTRÔLEURS SYSTÈME

- Vous pouvez connecter jusqu'à 16 contrôleurs simultanément.
- Pour les réglages de communication du contrôleur, reportez-vous à « **Ss-liste** » dans « **Réglage du menu** ». (► page 37)

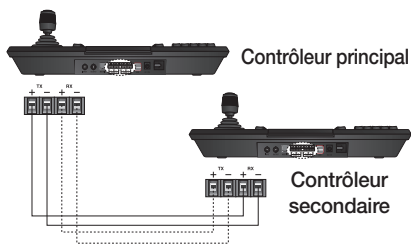
Pour le système en semi-duplex

- Connectez TX (+) sur le PORT 2 du modèle SPC-6000 à l'aide de TX (+) sur le PORT 2 des autres unités SPC-6000.
- Connectez TX (-) sur le PORT 2 du modèle SPC-6000 à l'aide de TX (-) sur le PORT 2 des autres unités SPC-6000.



Pour le système en duplex intégral

- Connectez TX (+) sur le PORT 2 du contrôleur principal du SPC-6000 grâce au RX (+) sur le PORT 2 du contrôleur secondaire de l'unité SPC-6000.
- Connectez TX (-) sur le PORT 2 du contrôleur principal du SPC-6000 grâce au RX (-) sur le PORT 2 du contrôleur secondaire de l'unité SPC-6000.
- Connectez RX (+) sur le PORT 2 du contrôleur principal du SPC-6000 grâce au TX (+) sur le PORT 2 du contrôleur secondaire de l'unité SPC-6000.
- Connectez RX (-) sur le PORT 2 du contrôleur principal du SPC-6000 grâce au TX (-) sur le PORT 2 du contrôleur secondaire de l'unité SPC-6000.



- Vous devez utiliser le PORT 2 si vous voulez vous connecter à d'autres contrôleurs système.

utilisation du menu

MISE EN ROUTE

1. Mettez sous tension tous les périphériques liés aux composants du système.



2. Lorsque vous connectez l'adaptateur sur le port arrière du contrôleur système, la boîte de dialogue de connexion apparaît.
3. Utilisez le clavier numérique pour entrer le mot de passe puis appuyez sur **[ENTER]**.
Le menu principal du système de contrôle PTZ apparaît.
 - Le mot de passe par défaut est « 4321 ».



CONTRÔLE DE LA CAMÉRA PTZ

Pour entrer en mode de contrôle PTZ

Appuyez sur **[PTZ]**, sur le contrôleur.

Pour sélectionner une caméra

1. Utilisez les boutons numériques pour entrer le numéro de la caméra de votre choix.
2. Appuyez sur **[CAM]** ou **[ENTER]**.



Contrôle Pan/Tilt

Vous pouvez utiliser le levier de commande pour régler l'angle de panoramique/inclinaison de la caméra. Plus le centre du levier de commande est éloigné, plus rapide la vitesse de mouvement.

Zoom

Tournez le levier de commande dans le sens des aiguilles d'une montre ou appuyez sur **[ZOOM TELE]** pour contrôler l'opération de zoom avant de la caméra.

Tournez le levier de commande dans le sens contraire des aiguilles d'une montre ou appuyez sur **[ZOOM TELE]** pour contrôler l'opération de zoom arrière de la caméra.

Mise au point

Appuyez sur **[FOCUS FAR]** ou **[FOCUS NEAR]**, sur le contrôleur, pour régler la mise au point de la caméra.

Diaphragme

Appuyez sur **[IRIS OPEN]** ou **[IRIS CLOSE]** sur le contrôleur pour régler la luminosité de la vidéo de la caméra.

Prépositions

Déplacez la caméra à un point prédéterminé.

Pour définir une prépositions

1. Sélectionnez la caméra pour laquelle vous voulez régler une préposition.
2. Utilisez le levier de commande pour déplacer la caméra au point souhaité.
3. Appuyez sur **[SETUP]** et entrez le numéro souhaité à l'aide des boutons numériques. Appuyez ensuite sur **[PRESET]**.

Pour exécuter une préposition

1. Sélectionnez une caméra.
2. Entrez le ou les numéros souhaités à l'aide des boutons numériques puis appuyez sur **[PRESET]**.
3. La préposition sera exécutée.



- Pour les modèles à dôme de protection de série SCP-3430, SCP-2430, SCP-3250 et SCP-2250 PTZ, il est possible de prendre en charge jusqu'à 512 prépositions à condition que le protocole Samsung E soit sélectionné.

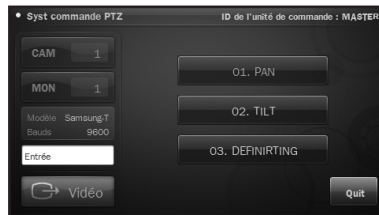
utilisation du menu

Basculer

Vous pouvez déplacer la caméra entre deux points de préposition pour contrôler sa trajectoire.

Configuration du basculement

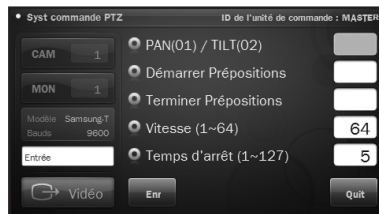
1. Sélectionnez <**Basculer**> depuis l'écran de menu.
2. Appuyez sur <**DEFINIRTING**>.



3. Utilisez les boutons numériques pour sélectionner PAN/TILT et spécifiez la préposition de début et la préposition de fin.
4. Spécifiez la vitesse et le temps de passage.
5. Appuyez sur <**Enr**>.

Pour exécuter le swing

1. Sélectionnez <**Basculer**> depuis l'écran de menu.
2. Utilisez les boutons numériques afin de sélectionner PAN ou TILT pour le type de basculement.
3. La fonction de basculement sera exécutée.

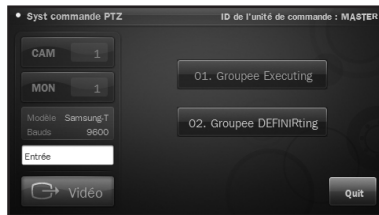


Groupee

Vous pouvez constituer un groupe de plusieurs prépositions avant de les appeler en séquence.

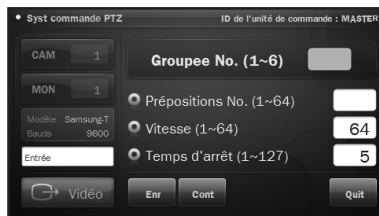
Pour définir un groupe

1. Sélectionnez <Groupee/BALAY> depuis l'écran de menu.
2. Sélectionnez <Groupee DEFINIRting>.
3. Entrez un numéro de groupe et appuyez sur [ENTER].
4. Spécifiez la vitesse et le temps de passage.
5. Appuyez sur <Enr>.



Pour exécuter la fonction de groupe

1. Sélectionnez <Groupee/BALAY> depuis l'écran de menu.
2. Sélectionnez <Groupee Executing>.
3. Entrez un numéro de groupe et appuyez sur [ENTER].
4. La fonction de groupe sera exécutée.



utilisation du menu

Tour

Vous pouvez effectuer le tour d'un groupe au moins avant d'exécuter les groupes en séquence.

Pour définir un tour

1. Sélectionnez <Tour> depuis l'écran de menu.
2. Sélectionnez <Tour DEFINIRing>.
3. Chaque fois que vous appuyez sur le numéro d'un groupe que vous souhaitez ajouter au tour, le groupe est ajouté au tour.
 - Vous pouvez ajouter un maximum de 6 groupes à un tour.
4. Appuyez sur <Enr> pour appliquer vos réglages.



Pour exécuter la fonction de tour

1. Sélectionnez <Tour> depuis l'écran de menu.
2. Sélectionnez <Tour Executing>.
3. La fonction de tour sera exécutée.

Patrouille

Utilisez le levier de commande ou les boutons de la caméra pour ordonner au contrôleur d'enregistrer le mouvement de la caméra pendant une durée spécifique et répétez le mouvement.

Pour définir une piste

1. Sélectionnez <Patrouille/MODÈLE> depuis l'écran de menu.
2. Sélectionnez <ENREG>.
3. Spécifiez le numéro de la piste à enregistrer.
4. Utilisez le levier de commande ou les boutons de la caméra pour contrôler le mouvement de la caméra à votre convenance.



Pour exécuter une piste

1. Sélectionnez <Patrouille/MODÈLE> depuis l'écran de menu.
2. Sélectionnez <LECT>.
3. Spécifiez le numéro de la piste à exécuter.
4. La fonction de piste sera exécutée.



Mise au point auto

1. Sélectionnez <A/F> depuis l'écran de menu.
2. La fonction de mise au point automatique sera activée.

Réinitialiser

1. Sélectionnez <Réinitialiser> depuis l'écran de menu.
2. La caméra sera réinitialisée.



Verrouil. Cible

1. Sélectionnez <Verrouil. Cible> depuis l'écran de menu.
Un encadré rectangle s'affiche sur la vidéo de la caméra.
2. Allez sur l'objet pour lequel vous voulez effectuer un suivi et appuyez sur [ENTER].
 - Ceci s'applique uniquement à une caméra prenant en charge la fonction de suivi.

Suivre

1. Sélectionnez <Suivre> depuis l'écran de menu.
2. La fonction de suivi sera exécutée.
 - Ceci s'applique uniquement à une caméra prenant en charge la fonction de suivi.

utilisation du menu

CONTRÔLE DU MAGNÉTOSCOPE NUMÉRIQUE

Selon le modèle, le magnétoscope numérique peut avoir différentes caractéristiques disponibles. Pour les détails, reportez-vous au manuel d'utilisation applicable.



- Un réglage inapproprié peut causer un dysfonctionnement au niveau du magnétoscope numérique.

Pour sélectionner un magnétoscope numérique

1. Appuyez sur [DVR].
2. Utilisez les boutons numériques pour entrer un numéro de magnétoscope numérique (0~255), puis appuyez sur [ENTER].



3. L'écran du menu principal apparaît.
Il varie selon le modèle.



- Pour un magnétoscope numérique prenant en charge les protocoles SRD, l'écran de menu affiche uniquement les éléments disponibles.
- Si vous connectez un magnétoscope numérique prenant en charge les protocoles SRD, les réglages PTZ seront automatiquement effectués.



Pour sélectionner un canal de magnétoscope numérique

1. Utilisez les boutons numériques pour entrer le numéro du canal de votre choix sur le magnétoscope numérique.
2. Appuyez sur **[CAM]**.

Pour contrôler le menu du magnétoscope numérique

1. Pour contrôler les menus du magnétoscope numérique sélectionné, appuyez sur **[MENU]** dans la barre de contrôle du magnétoscope numérique.
2. Utilisez les boutons directionnels pour accéder à l'élément de menu souhaité, puis appuyez sur **[ENTER]**.

Pour contrôler le périphérique PTZ connecté au magnétoscope numérique

Selon le modèle de magnétoscope numérique utilisé, vous risquez de ne pas pouvoir contrôler le périphérique PTZ relié au magnétoscope numérique.

Si tel est le cas, appuyez sur **[PTZ]** pour basculer du mode de contrôle du magnétoscope numérique au mode de contrôle de la caméra.

Pour contrôler le périphérique PTZ en mode DVR

1. Appuyez sur **[PTZ]** dans le coin inférieur droit de l'écran du menu DVR.
2. Utilisez le levier de commande pour contrôler la caméra PTZ en relation avec le magnétoscope numérique.
Pour les détails, reportez-vous au manuel d'utilisation du magnétoscope numérique.

Connexion au magnétoscope numérique

Vous devez accéder au menu DVR via le compte d'utilisateur approprié.

- Sélectionnez **<Entrée>** pour désactiver l'encadré de saisie. À présent, vous ne pourrez utiliser que les boutons numériques pour changer de canal ou entrer le mot de passe pour le magnétoscope numérique sans utiliser le bouton **[CAM]**.
Sélectionnez **<Entrée>** à nouveau pour retourner sur le mode précédent.



utilisation du menu

CONTRÔLE DE LA MATRIX

Pour contrôler l'écran et la caméra en mode Matrix

Vous pouvez contrôler le moniteur et la caméra en mode Matrice.

1. Appuyez sur [MTX].
2. Sélectionnez un numéro de moniteur puis appuyez sur [MON].
3. Sélectionnez un numéro de caméra puis appuyez sur [CAM].
Le moniteur sélectionné exécute la vidéo de la caméra sélectionnée.



Pour lire la vidéo actuelle sur le moniteur précédemment sélectionné

Entrez un numéro pour la caméra à sélectionner.

1. Appuyer sur le numéro de la camera dans l'écran de configuration de la matrice, puis appuyez sur [CAM].
2. Le moniteur précédemment sélectionné exécute la vidéo de la caméra actuellement sélectionnée.

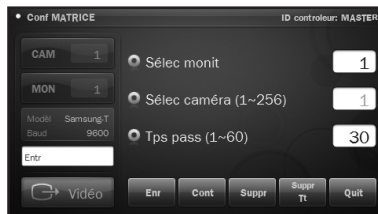
Sél auto

Vous pouvez procéder à une programmation des opérations dans le menu de configuration de la Matrice.

1. Sélectionnez un numéro de moniteur dans le menu de configuration de la Matrice, puis appuyez sur [MON].
2. Depuis l'écran du menu, appuyez sur <Sél auto Rég>.



3. Lorsque l'écran **<Sél auto Rég>** apparaît, sélectionnez un moniteur et une camera à connecter et spécifiez le temps de passage.
4. Lorsque les réglages de la camera n°1 ont été effectués, appuyez sur **<Cont>** et spécifiez le temps de passage pour la camera n°2.
5. Lorsque le réglage du temps de passage est terminé, appuyez sur **<Enr>**.



Exé / Maint

L'option Exé/Maint permet d'exécuter ou de maintenir le réglage effectué.

Appuyez sur la combinaison de **<Tt> + <Exé>** pour exécuter la sélection automatique selon votre réglage.

Appuyez sur la combinaison de **<Tt> + <Maint>** pour arrêter le fonctionnement de la fonction de sélection automatique et patientez avant d'entrer votre saisie.



- Pour fournir les instructions d'une opération donnée à un moniteur individuel, appuyez sur la combinaison « numéro du moniteur » + **<Exé>** ou « numéro du moniteur » + **<Maint>**.

Lecture de l'alarme

Lorsque le capteur est déclenché en mode Lecture alarme, la sirène retentit si elle a été réglé sur ON par l'unité de l'alarme. Vous pourrez contrôler les périphériques externes à l'aide de témoins si la sortie de contrôle du témoin a été défini par l'unité de l'alarme.

Pour désactiver l'alarme de l'unité de l'alarme, appuyez à nouveau sur **<Lect alarm>**.

réglage du menu

POUR ACCÉDER AU MENU PRINCIPAL

1. Appuyez sur le bouton **[FUNC]** sur le contrôleur et cliquez sur **[SETUP]**.
2. Lorsque l'écran du système de configuration apparaît, sélectionnez l'élément de menu souhaité.



RÉGLAGE PTZ

Depuis l'écran de configuration PTZ, vous pouvez spécifier le protocole et le débit en bauds.

1. Appuyez sur **<PTZ>** depuis l'écran principal de configuration.
2. Utilisez les boutons directionnels ou le levier de commande pour accéder au menu souhaité.
3. Vous pouvez changer les réglages à l'aide de **[ZOOM WIDE]** ou **[ZOOM TELE]**.
4. Lorsque vous avez effectué les réglages de protocole et de débit en bauds, appuyez sur **<Enr>**.
5. Pour quitter l'écran Conf PTZ, appuyez sur **<OK>** ou **[ESC]**.



- Avant de passer à une autre page, sauvegardez vos réglages.

RÉGLAGE DU MAGNÉTOSCOPE NUMÉRIQUE

Depuis l'écran de configuration du magnétoscope numérique, vous pouvez spécifier le type de magnétoscope numérique et le débit en bauds.

1. Depuis l'écran principal de configuration appuyez sur **<DVR>**.
2. Utilisez les boutons directionnels ou le levier de commande pour sélectionner un numéro de caméra et spécifiez le type de magnétoscope numérique.
3. Spécifiez le débit en bauds.
4. Lorsque vous avez terminé, appuyez sur **<Enr>**.
5. Pour quitter l'écran Conf DVR, appuyez sur **<OK>** ou **[ESC]**.



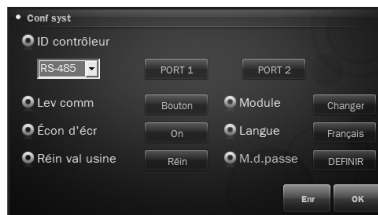
■ Avant de passer à une autre page, sauvegardez vos réglages.

RÉGLAGE DU CONTRÔLEUR

ID du contrôleur

Vous pouvez sélectionner RS-485 ou RS-422 pour le système de communication.

1. Sélectionnez RS-485 ou RS-422 pour le système de communication entre le contrôleur et les périphériques externes.
2. Appuyez sur le bouton du port pour spécifier l'ID de port.

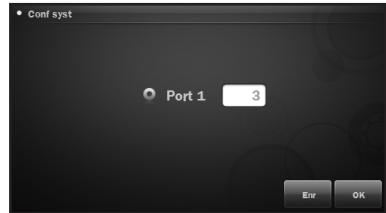


réglage du menu

ID PORT 1

Vous pouvez spécifier l'ID de contrôleur pour l'utiliser dans la communication avec d'autres périphériques.

1. Appuyez sur **[Port 1]** depuis l'écran de configuration de l'ID.
2. Spécifiez l'ID et appuyez sur **<Enr>**.



ID PORT 2

Vous pouvez spécifier le contrôleur principal ou secondaire pour les communications entre les contrôleurs, et régler également l'utilisation de la matrice et de la sous-liste.

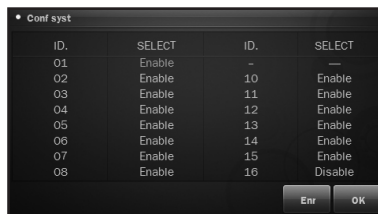
1. Appuyez sur **[Port 2]** depuis l'écran de configuration de l'ID.
2. Utilisez les boutons directionnels pour sélectionner l'élément souhaité, puis sélectionnez un système de communication entre les contrôleurs.
 - Vous devez régler la sous-liste dans un environnement multi-contrôleur.
3. Lorsque vous avez terminé, appuyez sur **<Enr>**.



Ss-liste

Pour un système de communication comprenant un contrôleur principal et un contrôleur secondaire, vous devez régler l'option **<Ss-liste>**.

1. Appuyez sur **<Ss-liste>**.
2. Utilisez les boutons directionnels pour sélectionner un élément de votre choix et configurez les réglages à l'aide de **[ZOOM WIDE]** ou **[ZOOM TELE]**.
 - Le réglage de l'ID de MATRICE est fixé sur **<SUB 09>**.
3. Lorsque vous avez terminé, appuyez sur **<Entr>**.
4. Pour quitter l'écran **<Ss-liste>**, appuyez sur **[OK]** ou **[ESC]**.



Fonctionnement du bouton du levier de commande

Vous pouvez régler le fonctionnement du bouton du levier de commande.

1. Appuyez sur le levier de commande **<Bouton>**.
2. Depuis l'écran de fonctionnement du bouton du levier de commande, sélectionnez un bouton de fonction pour le bouton du levier de commande sélectionné.
3. Vérifiez le réglage actuel, appuyez sur **<Quit>**.



Économiseur d'écran

Vous pourrez spécifier d'activer l'économiseur d'écran si vous n'avez pas l'intention d'utiliser le contrôleur pendant une période de temps prolongée.

1. Si vous souhaitez afficher un écran de logos, réglez l'économiseur d'écran sur **<On>**.
2. Pour appliquer les changements, appuyez sur **<OK>** ; pour annuler votre réglage, appuyez sur **<Quit>**.

réglage du menu

Réglage usine

Vous pouvez réinitialiser les réglages actuels sur leur valeur par défaut, spécifiée en usine.

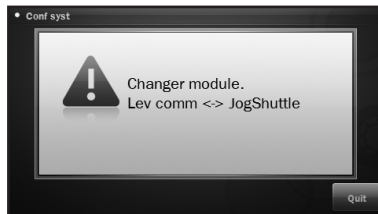
1. Appuyez sur **<Réinitialiser>**.
2. Appuyez sur **<OK>**.
Tous les réglages actuels seront réinitialisés sur leur valeur par défaut.
3. Pour quitter le menu, appuyez sur **<Quit>**.



Pour basculer entre les modules

Vous pouvez basculer la position entre la molette jog shuttle et le levier de commande de gauche à droite ou inversement.

1. Appuyez sur **<Changer>**.
2. Depuis l'écran Changer le module qui apparaît, vous pouvez basculer de position entre la molette du jog shuttle et du levier de commande.
3. Pour quitter l'écran, appuyez sur **<Quit>**.



Langue

Vous pouvez sélectionner une langue préférée pour l'interface utilisateur.

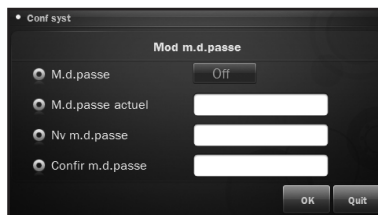
1. Appuyez sur **<Langue>**.
2. Depuis l'écran de sélection de la langue qui apparaît, utilisez les boutons directionnels ou le levier de commande pour sélectionner une langue préférée.
 - Le changement de langue s'applique immédiatement.
3. Pour quitter l'écran de sélection de la langue, appuyez sur **<Quit>**.



Mot de passe

Vous pouvez activer ou désactiver le mot de passe pour le contrôleur.

1. Appuyez sur le bouton <DEFINIR> du contrôleur.
2. Pour activer le mot de passe, réglez-le sur <On>. Sinon, réglez-le sur <Off>.
3. Fournissez le mot de passe actuel.
4. Pour appliquer les changements, appuyez sur <OK> ; pour annuler votre réglage, appuyez sur <Quit>.



Modification du mot de passe

Vous pouvez changer le mot de passe.

1. Appuyez sur le bouton <DEFINIR> du contrôleur.
2. Fournissez le mot de passe actuel.
3. Fournissez un nouveau mot de passe.
4. Pour appliquer les changements, appuyez sur <OK> ; pour annuler votre réglage, appuyez sur <Quit>.



- Le mot de passe par défaut est « 4321 ».



- Le mot de passe par défaut peut être exposé à un fil de piratage ; il est donc recommandé de modifier le mot de passe après l'installation de l'appareil.
Notez que l'utilisateur sera tenu pour responsable de tout problème relatif à la sécurité ou autre provoqué par un mot de passe inchangé.

réglage du menu

MISE À JOUR DU MICROLOGICIEL

Vous pouvez mettre à jour le micrologiciel actuel à l'aide des fichiers du micrologiciel stockés dans la mémoire USB.

Pour mettre à jour le micrologiciel

Vous pouvez télécharger les fichiers du micrologiciel les plus récents pour mettre à jour le contrôleur.

1. Connectez la mémoire USB contenant les fichiers du micrologiciel le plus récent au contrôleur système.
2. Depuis l'écran de configuration de menu, appuyez sur **<M.à.j>**.
3. Appuyez sur **<M.à.j microlog contrôleur>**.



4. Depuis l'écran de mise à jour, appuyez sur **<OK>**. L'état de la mise à jour apparaît dans la barre de progression.
5. Patientez jusqu'à ce que le système redémarre après la mise à jour.



- Ne déconnectez pas la mémoire USB ou le câble d'alimentation durant la mise à jour. Autrement, vous risquez de faire échouer la mise à jour du micrologiciel ou de provoquer la défaillance du système.



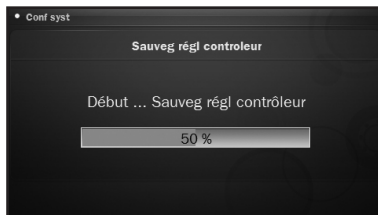
Pour sauvegarder les réglages du contrôleur

Si vous souhaitez modifier le contrôleur ou remplacer la caméra, vous pourrez sauvegarder les réglages du contrôleur sous forme de fichier puis charger les réglages du contrôleur sur la nouvelle caméra.

1. Depuis l'écran de configuration de menu, appuyez sur **<M.à.j>**.
2. Appuyez sur **<Sauveg régl contrôleur>**.
3. Appuyez sur **<OK>**.
Le processus de sauvegarde démarre.



- Ne déconnectez pas la mémoire USB ou le câble d'alimentation durant la sauvegarde. Autrement, vous risquez de faire échouer la sauvegarde des réglages du contrôleur.



Pour restaurer les réglages du contrôleur

Si vous avez réinitialisé ou réglé le contrôleur de manière inappropriée, vous pourrez charger les réglages actuels sur un autre contrôleur.

1. Depuis l'écran de configuration de menu, appuyez sur **<M.à.j>**.
2. Appuyez sur **<Restaurer régl contrôleur>**.
3. Appuyez sur **<OK>**.
Le processus de restauration démarre.



- Ne déconnectez pas la mémoire USB ou le câble d'alimentation durant la restauration. Autrement, vous risquez de faire échouer la restauration des réglages du contrôleur.



réglage du menu

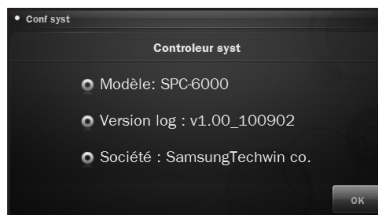
POUR CONSULTER LES INFORMATIONS RELATIVES AU CONTRÔLEUR

Vous pouvez consulter le nom du modèle et la version du logiciel du contrôleur système.

Écran de statut

Cette fonction vous permet de consulter le statut du contrôleur.

1. Depuis l'écran de configuration de menu, appuyez sur **<État>**.
2. Vérifiez le statut du contrôleur.



annexes

CARACTÉRISTIQUES TECHNIQUES

Élément	Description
Système de communication	RS-485 / 422 (portée de la télécommande : max. 1 km) TTL (pour contrôler la matrice)
Unités à contrôler	Max. 255
Débit en bauds	2,400 ~ 38,400 bps
Compatibilité	PTZ / DVR / MATRICE / RÉCEPTEUR
Protocole (PTZ)	Samsung-T, Samsung-E, PELCO-D, PELCO-P, Panasonic, Vicon, AD, Honeywell, ELMO, BOSCH, GE
Protocole (DVR)	SVR, SRD, SRP
Protocole (MATRICE)	SMX-25632
Protocole (RÉCEPTEUR)	Samsung-T
Prise en charge multilingue	Anglais, Espagnol, Français, Italien, Allemand, Turc, Polonais, Russe, Portugais, Suédois, Néerlandais, Tchèque, Serbe, Coréen, Chinois, Japonais
Écran LCD	5" TFT LCD + écran LCD tactile
Port USB	Sauvegarde/Restauration, Mise à jour logicielle
Port vidéo	Entrée BNC Vidéo, Sortie de boucle relais
Levier de commande	Contrôle PTZ (zoom en torsade 3 axes)
Molette Jog shuttle	Lecture du magnétoscope numérique de contrôle
Alimentation	CC 12 V, Max. 4 W
Température de fonctionnement	0°C ~ 40°C
Humidité en fonctionnement	10 ~ 70 % (sans condensation)
Dimensions	459,1 (L) x 59,1 (H) x 177,9 (P) mm
Poids	1,5 Kg environ (sans adaptateur)

QUESTION / RÉPONSE

Problème	Action
Je n'arrive pas à communiquer avec le contrôleur système.	• Vérifiez si le câble de communication RS-485 est correctement connecté. • Si l'état de la communication est instable à cause du bruit présent sur la ligne de communication, connectez le port G du périphérique au port G du modèle SPC-6000.
	• Vérifiez si l'adresse du contrôleur système est correctement spécifiée. • Pour spécifier l'adresse, reportez-vous à « Réglage du contrôleur » dans « Réglage du menu ». (► page 35)
La mémoire USB n'est pas correctement reconnue.	• Vérifiez si la mémoire USB fonctionne correctement. • Utilisez uniquement la mémoire USB et réessayez.



- Le panneau LCD du contrôleur système est une pièce consommable. Pour acheter un panneau, contactez le revendeur ou le centre de services.

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Version 2.1, February 1999

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SAMSUNG TECHWIN CO., LTD.

Samsungtechwin R&D Center, 701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea, 463-400
TEL : +82-70-7147-8740~60 FAX : +82-31-8018-3745

SAMSUNG TECHWIN AMERICA Inc.

100 Challenger Rd. Suite 700 Ridgefield Park, NJ 07660
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920
Fax : +1-201-373-0124
www.samsungcctvusa.com

SAMSUNG TECHWIN EUROPE LTD.

Samsung House, 1000 Hillswood Drive, Hillswood Business
Park Chertsey, Surrey, UNITED KINGDOM KT16 0PS
TEL : +44-1932-45-5300 FAX : +44-1932-45-5325

www.samsungtechwin.com
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