

SAMSUNG TECHWIN

SYSTÉMOVÝ OVLADAČ

Uživatelská příručka

SPC-6000



SAMSUNG

SAMSUNG

Systémový ovladač

Uživatelská příručka

Autorská práva

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- ❖ **Konstrukce a technické údaje se mohou změnit bez předchozího upozornění.**
- ❖ **Výchozí heslo může být ohroženo prozrazením, proto doporučujeme po instalaci změnit heslo.**
- Vezměte na vědomí, že za narušení bezpečnosti a další problémy vzniklé nezměněním hesla nese odpovědnost uživatel.**

DŮLEŽITÉ BEZPEČNOSTNÍ POKYNY

1. Přečtěte si tyto pokyny.
2. Uložte si tyto pokyny.
3. Respektujte všechna varování.
4. Postupujte podle všech pokynů.
5. Nepoužívejte tento přístroj v blízkosti vody.
6. Čištění provádějte pouze suchou tkaninou.
7. Nezakrývejte žádné ventilační otvory, provádějte instalaci v souladu s pokyny výrobce.
8. Neinstaluje přístroj do blízkosti jakýchkoliv tepelných zdrojů, jako jsou topná tělesa, tepelné regulátory a sporáky nebo jiných přístrojů (včetně zesilovačů), které produkují teplo.
9. Nepotlačujte bezpečnostní účel polarizované zástrčky nebo zástrčky zemního typu. Polarizovaná zástrčka má dva nožové kontakty, jeden je širší než druhý. Zástrčka zemního typu má dva nožové kontakty a třetí zemní kolík. Širší nožový kontakt nebo třetí kolík jsou instalovány pro vaši bezpečnost. Pokud se zástrčka od přístroje nevejde do vaší zásuvky, poraďte se s elektrikářem ohledně výměny zastaralé zásuvky.
10. Chraňte napájecí kabel, aby se na něj nešlapalo nebo aby se nepřiskřípl, zvláště u zásuvek, rozbočovacích šňůr, a v bodě, kde vychází z přístroje.
11. Používejte pouze doplňky a příslušenství, které jsou specifikovány výrobcem.
12. Používejte přístroj pouze s vozíkem, stojanem, trojnožkou, držákem nebo stolem, které byly specifikovány výrobcem nebo prodány s přístrojem. Pokud použijete vozík, dejte pozor při přesouvání kombinace vozík/přístroj, abyste se vyhnuli zranění při překlpení.
13. Vytáhněte zástrčku přístroje ze zásuvky během bouřek nebo pokud se delší dobu nebude používat.
14. Přenechejte veškerý servis kvalifikovanému servisnímu personálu. Servis je vyžadován, pokud byl přístroj poškozen jakýmkoliv způsobem, jako například při poškození napájecí šňůry nebo zástrčky, při rozlítí tekutiny nebo pádu předmětů do přístroje, vystavení přístroje dešti nebo vlhkosti, pokud přístroj nefunguje normálně nebo pokud spadnul.



VAROVÁNÍ

ABYSTE ZMENŠILI RIZIKO POŽÁRU NEBO ÚRAZU ELEKTRICKÝM PROUDEM, NEVYSTAVUJTE PŘÍSTROJ DEŠTI NEBO VLHKOSTI. NEZASOUVEJTE DO PŘÍSTROJE KOVOVÉ PŘEDMĚTY SKRZ VENTILAČNÍ MŘÍŽKY NEBO JINÉ OTVORY V KRYTU.

Přístroj chraňte před stříkající a kapající vodou a nestavte na něj předměty naplněné kapalinami, jako jsou vázy.

UPOZORNĚNÍ

	UPOZORNĚNÍ RIZIKO ÚRAZU ELEKTRICKÝM PROUDEM.	
UPOZORNĚNÍ : V ZÁJMU SNÍŽENÍ RIZIKA ÚRAZU ELEKTRICKÝM PROUDEM. NESNÍMEJTE KRYT (ANI ZADNÍ STRANU). UVNITŘ PŘÍSTROJE NEJSOU ŽÁDNÉ SOUČÁSTKY, KTERÉ BY UŽIVATEL MOHL OPRAVIT. PŘENECEJTE SERVIS KVALIFIKOVANÉMU SERVISNÍMU PERSONÁLU.		

VYSVĚTLENÍ GRAFICKÝCH SYMBOLŮ

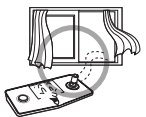


Symbol blesku se šipkou v rovnostranném trojúhelníku má uživatele upozornit na přítomnost „nebezpečného napětí“ v krytu přístroje, jehož velikost může vyvolat riziko zásahu elektrickým proudem.



Symbol vykřičníku v rovnostranném trojúhelníku má uživatele upozornit na důležité pokyny k použití a údržbě (servisu) obsažené v doprovodné literatuře k přístroji.

Pozorně čtěte následující doporučená bezpečnostní opatření.

Přístroj nestavte na nerovnou plochu. 	Přístroj neinstalujte na přímé slunce, poblíž zařízení vydávajících teplo nebo do velmi studených prostor. 
Neumísťujte tento přístroj do blízkosti vody. 	Nepokoušejte se sami přístroj opravovat. 
Neumísťujte na přístroj nádoby s vodou. 	Přístroj neinstalujte do blízkosti zdrojů magnetického pole. 
Nezakrývejte žádné ventilační otvory. 	Nepokládějte na přístroj těžké předměty. 

Uživatelská příručka radí, jak přístroj používat.

Význam zdůraznění v textu:

- Reference : užitečná informace týkající se použití přístroje.
 - Poznámka : Při nedodržení pokynů hrozí škoda na majetku nebo úraz.
- ※ V zájmu bezpečného použití si přečtěte celou příručku před použitím přístroje a pak ji uschovejte na bezpečném místě.



Společnost Samsung Techwin dbá při všech fázích výroby na ochranu životního prostředí a přijala řadu opatření k tomu, aby mohla svým zákazníkům dodávat produkty šetrné k životnímu prostředí. Značka Eco je výrazem odhodlání společnosti Samsung Techwin vyrábět produkty šetrné k životnímu prostředí a znamená, že tento přístroj splňuje požadavky evropské směrnice RoHS.



Správná likvidace tohoto přístroje (Odpad z elektrických a elektronických zařízení)

(Platí v Evropské unii a dalších evropských zemích se systémy děleného sběru odpadu)

Toto označení na přístroji, příslušenství nebo dokumentaci signalizuje, že přístroj a elektronické příslušenství (např. nabíječ, náhlavní souprava, kabel USB) na konci jejich životnosti nepatří do běžného domovního odpadu. Aby se předešlo možnému poškození životního prostředí nebo lidského zdraví, způsobeného nekontrolovanou likvidací odpadu, prosím oddělte tyto položky od jiných typů odpadu a recyklujte je zodpovědně, abyste podpořili udržitelné opětovné použití materiálových zdrojů.

Pro podrobnější informace o tom, kde a jak mohou ekologicky recyklovat tyto položky, by měli domácí uživatelé kontaktovat buď maloobchodníka, u něhož tento produkt koupili, nebo svůj místní úřad.

Podnikoví uživatelé by měli kontaktovat svého dodavatele a zkontrolovat podmínky kupní smlouvy. Tento přístroj a jeho elektronické příslušenství při likvidaci nemíchejte s komerčním odpadem.

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NEJDŮLEŽITĚJŠÍ FUNKCE

Systémový ovladač SPC-6000 vám umožní ovládat externí zařízení jako kameru PTZ, DVR, MATRIX pomocí rozhraní RS-485.

Poskytuje uživatelsky snadno ovladatelné rozhraní s nabídkou na obrazovce, dotykovou obrazovku a joystick.

- Ovládání na velkou vzdálenost
- S rozhraním RS-485 může ovládat zařízení až na vzdálenost 1km.
- Integrované systémové ovládání
- S jedním systémovým ovladačem můžete ovládat všechny kamery (jednotky přijímače), DVR a MATRIX.
- Povoluje připojení vícečetných systémových ovladačů
- Můžete ovládat různá místa systému a připojit současně až 16 ovladačů.
- Přepínání pozic mezi joystickem a krokovačem
- Pro pohodlí uživatele je možné přepínat mezi pozicemi joysticku a krokovače zleva doprava.
- Snadno ovladatelné rozhraní

Provozní stav systémového ovládání je zobrazován na obrazovce; dotyková obrazovka vám umožňuje snadno vybrat nabídku; s joystickem je manipulace snadná a jednoduchá.

❖ Seznam kompatibility

- Kamera
- MATRIX
SMX-25632
- DVR
Série SRD-XXXX, série SHR-8/7/6XXX, SVR-1670, SRD-480D

❖ Technické údaje adaptéru

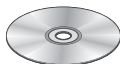
- Napětí : 1) Vstup (stř.napětí) : 100 – 240 V
2) Výstup : 12 Vss
- Kapacita (výstupní proud): 4 A
- Standardní trvalá zátěž : 48 W
- Teplota : 1) Provozní teplota : 0 ~+40°C
2) Skladování : - 20 – + 60°C

SOUČÁSTI BALENÍ

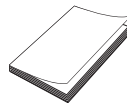
Rozbalte balení a umístěte výrobek na zem nebo na rovný povrch.
Zkontrolujte, zda jsou v balení obsaženy následující součásti.



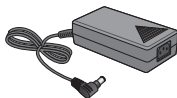
Hlavní přístroj



CD Uživatelská příručka



Stručná příručka



Napájecí adaptér 1 ks



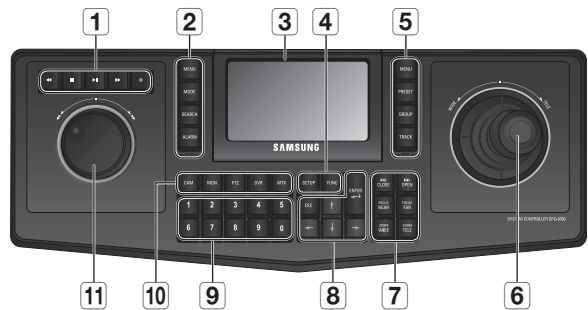
Napájecí kabel 1 ks



Konektor 1 ks

STRUČNÝ POPIS SYSTÉMOVÉHO OVLADAČE

Přední Strana

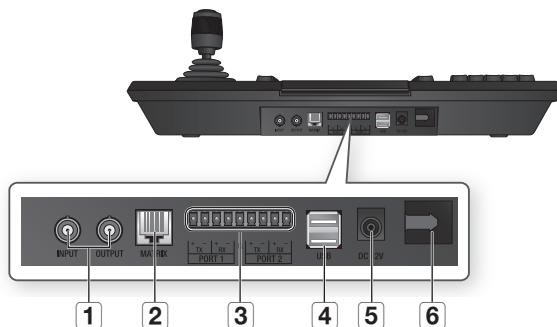


Položka	Popis
1 Lišta Přehrávání DVR	Přehrávání/pozastavení, rychlé přehrávání vpřed/vzad, zastavení, nahrávání
2 Ovládací Lišta DVR	Přístup k vybrané nabídce, hledání, výběr režimu rozdělení obrazovky nebo ovládání alarmu.
3 LCD Displej	Zobrazuje provozní stav a nabídku nastavení systémového ovladače.
4 Lišta NASTAVENÍ	Pro zobrazení nabídky Nastavení stiskněte tlačítko [FUNC] a klepněte na položku [SETUP] .
5 Provozní Lišta Kamery	Přístup k vybrané nabídce PTZ nebo provedení Předvolby, Skupiny nebo Sledování.
6 Ovladač Joysticku	Můžete provádět operace posunu/náklonu nahoru nebo dolů ve spojení s kamerou PTZ nebo jednotkou přijímače. Pro ovládání zoomu otočte joystick po nebo proti směru hodinových ručiček. V nabídce na obrazovce ovladače můžete ovládat směr připojeného ovladače.

přehled

Položka		Popis
7 Lišta Objektivu Kamery	IRIS	Ovládání clony (CLOSE/OPEN)
	FOCUS	Nastavení zaostření (NEAR/FAR)
	ZOOM	Přiblížení/oddání zoomu (WIDE/TELE)
8 Přesun, ENTER, ESC	Přesun	Přesun po položkách nabídky.
	ENTER	Přechod na požadovanou položku pomocí navigačních tlačítek a její výběr.
	ESC	Zruší současnou operaci.
9 Tlačítka S Číslíci (0 – 9)	Slouží k upřesnění číselných hodnot kamery, monitoru, DVR nebo nabídek Předvoleb.	
10 Lišta Sekce Ovladače	Slouží k výběru kamery, monitoru nebo DVR.	
11 Krokovač	Ruční pohyb	Slouží k hledání snímků dopředu / zpět v režimu přehrávání DVR.
	Režim přehrávání	V režimu přehrávání DVR dopředu/zpět/přehrávání/rychle vpřed/rychle vzad.

Zadní Strana



Položka	Popis	
1 Vstup/výstup videa	Port vstupu/výstupu videa	
2 MATRIX	Port připojení Matrix	
3 RS-485	PORT 1	Připojený k ovladači jako např. kameře nebo DVR přes rozhraní RS-485.
	PORT 2	Připojený k dalšímu SPC-6000 systémovému ovladači.
4 Port USB	Slouží pro zálohování nastavení systémového ovladače nebo aktualizaci firmwaru.	
5 Napájení	Vstupní port 12 Vstř (— — — +)	
6 Háček na Kabel	Brání uvolnění kabelu napájení. ☒ ■ Ujistěte se, že při používání ovladače zároveň používáte i háček na kabel.	

- ☒ ■ Port MATRIX je napájen, takže při jeho použití již není potřeba dodávat 12 Vstř.
- Port MATRIX obsahuje jeden kabel ovládající hlavní a vedlejší ovládací signály.
- Signál MATRIX je na úrovni TTL.
Délka prodlužovacího kabelu by neměla překročit 10 metrů.

BEZPEČNOSTNÍ OPATŘENÍ

Před instalací výrobku si přečtěte a splňte následující pokyny.

- Výrobek je určen k použití pouze v interiéru.
- Chraňte ho před vodou nebo vlhkostí.
- Nevystavujte ho nadměrným tlakům.
- Nevytahujte silou napájecí šňůru.
- Sami ho nerozmontovávejte.
- Použijte pouze schválený spínací rozsah.
- Použijte pouze dodávaný napájecí kabel.
- Pokud je to možné požívejte zásuvku se zemnicím kolíkem.
- Provádějte instalaci systémového ovladače na plochém stole.
- Rozvržení hlavní jednotky a systému kabeláže jsou kritické pro správné fungování systému.
- Systém nemusí pracovat správně, pokud jsou zařízení příliš blízko u sebe v prostředí se špatnou ventilací. Nepřístupnost systému dělá jakékoli opravy těžšími nebo je plně znemožňuje.
- Abyste předešli selhání systému nebo abyste snížili riziko vypnutí systému, ponechte dostatek prostoru pro ventilaci a pevně uzavřete kryt.
- Nerozebírejte systémový ovladač, uvnitř je vysoké napětí.
- Provozní teplota : 0 °C – 40 °C
- Skladovací teplota : -20 °C – 60 °C
- Provozní vlhkost : 10 % – 70 % rel. vlhkosti
- Skladovací vlhkost : 10 % – 90 % rel. vlhkosti
- Příkon : 12 V ss., Max 4 W (— —  +)

PŘED INSTALACÍ

- Před instalací výrobku ho musíte vypnout.
- Velký náraz nebo vibrace mohou způsobit selhání systému.
- Udržujte výrobek mimo oblasti silného magnetického pole nebo elektrického rušení a bezdrátových zařízení, jako je např. rádio nebo televizor.
- Během i po instalaci výrobku udržujte instalační místo čisté a bez prachu.
- Výrobek umístěte na neuzavřený, rovný povrch za optimální teploty. Instalaci proveďte alespoň 15 cm od zdi.
- Neuzavírejte ventilační otvor ani do něj nevkládejte vodivý předmět.
- Nevystavujte výrobek přímému slunečnímu světlu. Ve snaze zabránit újmě na zdraví, udržujte příslušenství nebo nářadí mimo dosah dalších osob.
- Nezanedbávejte neobvyklý kouř nebo vůni, protože to by mohlo vyvolat požár nebo elektrický šok. V takovém případě, okamžitě vypněte výrobek a kontaktujte nás pro technickou podporu.
- Pokud se vyskytne některá z následujících situací, proveďte náležitou akci: Vlhká podlaha, neuzemněný prodlužování kabel, odlupující se izolace napájecího kabelu nebo nepřítomnost bezpečnostního uzemnění.



- Suchou látkou utřete. V případě silného znečištění použijte k setření látku namočenou do neutrálního čistícího prostředku. Nepoužívejte těkavá rozpouštědla, jako např. alkohol, benzen nebo ředidlo, které mohou poškodit povrch výrobku.
- Nepoužívejte LCD monitor za vysokých teplot, pro úsporu energie se doporučuje používat spořič obrazovky.

NASTAVENÍ ÚHLU OBRAZOVKY SYSTÉMOVÉHO OVLADAČE

Pro lepší viditelnost je možné posunout obrazovku dopředu.

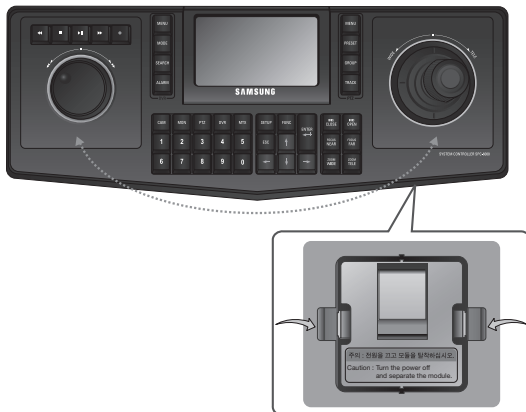


PŘEPÍNÁNÍ ROZLOŽENÍ JOYSTICKU A KROKOVÁČE

Pro vaše pohodlí můžete přepínat umístění joysticku a krokovače.



- Před přepnutím zleva doprava nejprve vypněte systémový ovladač a zapněte moduly manuálně. Nebo stiskněte tlačítko <Změnit> v nabídce nastavení ovladače a přepněte moduly ručně. (▶ strana 38)



<Spodní strana>

1. Stiskněte oba háčky na spodní straně ovladače a vyjměte modul.
2. Vyměňte z ovladače oba moduly joysticku i krokovače a vyměňte jejich umístění. Poté je vložte zpět a zatlačte až uslyšíte zaklapnutí.



připojení k externímu zařízení

Systémový ovladač SPC-6000 může být použit ve spojení s externím zařízením jako je kamera nebo DVR.

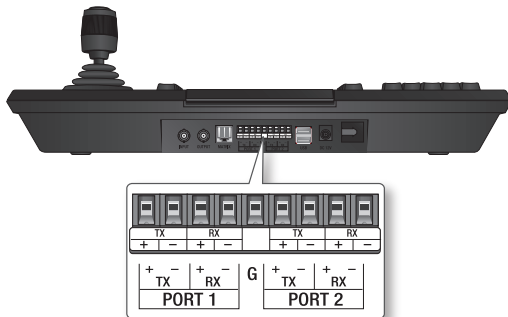
PŘIPOJENÍ ZAŘÍZENÍ RS-485

Se systémovým ovladačem můžete ovládat kameru PTZ nebo DVR, které podporují rozhraní RS-485.

1. Propojte zadní PORT 1 s portem RS-485 kamery PTZ nebo DVR.
2. Podle systému externího zařízení vyberte spojení Half Duplex nebo Full Duplex.

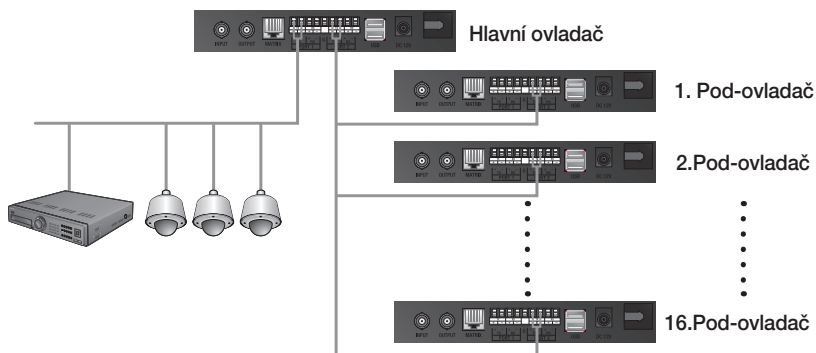


- Pro metodu Half Duplex použijte konektory TX +/-.
- U rozhraní RS-485 dávejte obzvlášť pozor na polaritu (+/-).
- Použijte v balení dodávaný konektor.
- Zkontrolujte, jestli je zařízení RS-485 kompatibilní s SPC-6000.

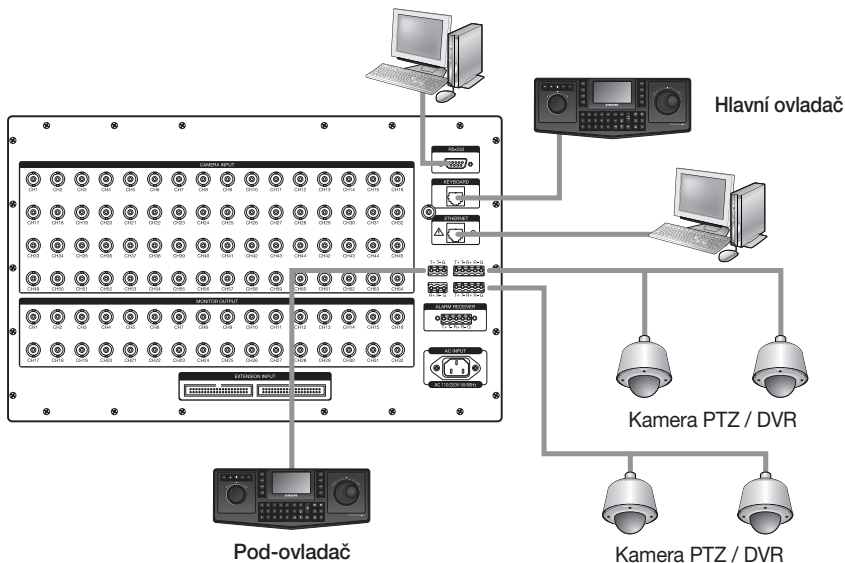


připojení k externímu zařízení

V případě připojování klávesnice pomocí MATRIX



V případě připojování klávesnice pomocí MATRIX



1. Připojte port **[MATRIX]** hlavního ovladače k portu **[KEY BOARD]** matrix.
Port MATRIX je napájen, takže již není potřeba dodávat 12 Vstř.
2. Připojte TX+ a TX- k příslušným konektorům T+ a T- matrix.
 - Přenosová rychlost mezi pod-ovladači při synchronizaci s MATRIX bude pevně nastavena na 9600 b/sek.
 - ID MATRIX ID je pevně nastaveno na **<SUB 09>**.
3. Připojte DVR a kameru PTZ k MATRIX.

připojení k externímu zařízení

Připojení kamery PTZ

Kameru můžete ovládat připojením portu RS-485 na zadní stranu kamery PTZ pomocí PORT 1 ovladače SCP-6000.



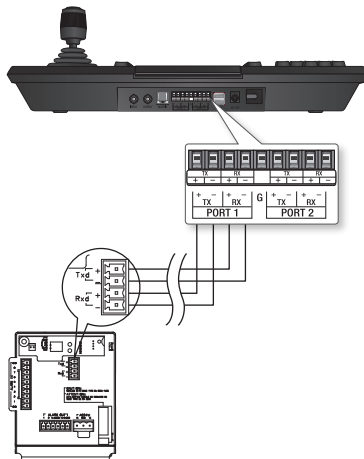
- Polarita se může v závislosti na kameře lišit.
Více informací viz uživatelská příručka příslušné kamery PTZ.

Half duplex systém

- Připojte RX (+) portu RS-485 kamery PTZ k TX (+) PORT 1 na ovladači SPC-6000.
- Připojte RX (-) portu RS-485 kamery PTZ k TX (-) PORT 1 na ovladači SPC-6000.

Full duplex systém

- Připojte RX (+) portu RS-485 kamery PTZ k TX (+) PORT 1 na ovladači SPC-6000.
- Připojte RX (-) portu RS-485 kamery PTZ k TX (-) PORT 1 na ovladači SPC-6000.
- Připojte TX (+) portu RS-485 kamery PTZ k RX (+) PORT 1 na ovladači SPC-6000.
- Připojte TX (-) portu RS-485 kamery PTZ k RX (-) PORT 1 na ovladači SPC-6000.



Připojení zařízení DVR řady SRD-16XX/8XX nebo SHR-8/7/6XXX

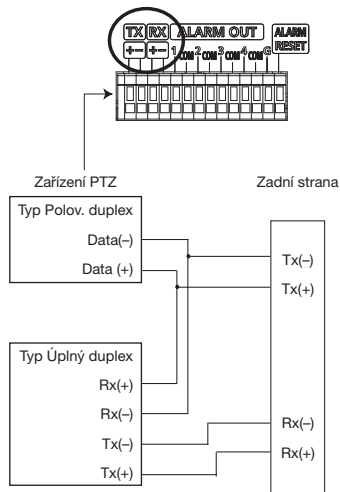
Propojte DVR a SPC-6000 pomocí RS-485 portu na zadní straně DVR.

Half duplex systém

- Připojte TX (+) portu RS-485 DVR k TX (+) PORT 1 na ovladači SPC-6000.
- Připojte TX (-) portu RS-485 DVR k TX (-) PORT 1 na ovladači SPC-6000.

Full duplex systém

- Připojte TX (+) portu RS-485 DVR k RX (+) PORT 1 na ovladači SPC-6000.
- Připojte TX (-) portu RS-485 DVR k RX (-) PORT 1 na ovladači SPC-6000.
- Připojte RX (+) portu RS-485 DVR k TX (+) PORT 1 na ovladači SPC-6000.
- Připojte RX (-) portu RS-485 DVR k TX (-) PORT 1 na ovladači SPC-6000.



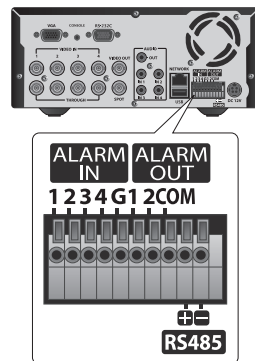
připojení k externímu zařízení

Připojení sérií SRD-4XX nebo SHR-604X s DVR

Připojte port RS-485 na zadní straně sérií SRD-4XX nebo SHR-604X s ovladačem SPC-6000.

❖ Half duplex systém

- Připojte TX (+) zařízení SRD-4XX nebo SHR-604X k TX (+) PORT 1 na ovladači SPC-6000.
- Připojte TX (-) zařízení SRD-4XX nebo SHR-604X k TX (-) PORT 1 na ovladači SPC-6000.

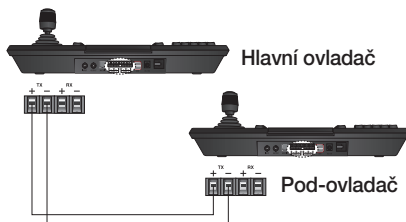


PŘIPOJENÍ DALŠÍCH SYSTÉMOVÝCH OVLADAČŮ

- Současně můžete připojit až 16 ovladačů.
- Nastavení rozhraní ovladače viz položka „Sezn. podř.“ v nabídce „Nastavení Nabídky“. (► strana 37)

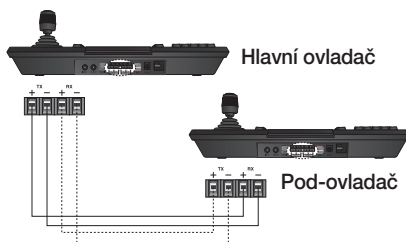
Half duplex systém

- Připojte TX (+) PORT 2 ovladače SPC-6000 s TX (+) PORT 2 druhého ovladače SPC-6000.
- Připojte TX (-) PORT 2 ovladače SPC-6000 s TX (-) PORT 2 druhého ovladače SPC-6000.



Full duplex systém

- Připojte TX (+) PORT 2 hlavního ovladače SPC-6000 s RX (+) PORT 2 pod-ovladače SPC-6000.
- Připojte TX (-) PORT 2 hlavního ovladače SPC-6000 s RX (-) PORT 2 pod-ovladače SPC-6000.
- Připojte RX (+) PORT 2 hlavního ovladače SPC-6000 s TX (+) PORT 2 pod-ovladače SPC-6000.
- Připojte RX (-) PORT 2 hlavního ovladače SPC-6000 s TX (-) PORT 2 pod-ovladače SPC-6000.



- Pro připojení k dalšímu systémovému ovladači musíte použít PORT 2.

použití nabídky

ZAČÍNÁME

1. Zapněte všechna zařízení systémových součástí.



2. Když připojíte adaptér napájení do zadního portu systémového ovladače, zobrazí se přihlašovací okno.
3. Použijte číselnou klávesnici pro zadání hesla a stiskněte tlačítko [ENTER].
Zobrazí se hlavní nabídka ovládacího systému PTZ.
 - Výchozí heslo je „4321“.



OVLÁDÁNÍ KAMERY PTZ

Pro vstup do ovládacího režimu PTZ

Stiskněte na ovladači tlačítko [PTZ].

Výběr kamery

1. Pro zadání čísla kamery použijte číselná tlačítka.
2. Stiskněte tlačítka [CAM] nebo [ENTER].



Ovládání Posunu/náklonu

Pro úpravu úhlu posunu/náklonu kamery můžete použít joystick.

Čím dále se nacházíte od středu joysticku, tím rychlejší je pohyb.

Přibližování

Otočte joystickem po směru hodinových ručiček, nebo stiskněte tlačítko **[ZOOM TELE]** pro ovládání přibližovací funkce kamery.

Otočte joystickem po směru hodinových ručiček, nebo stiskněte tlačítko **[ZOOM TELE]** pro ovládání přibližovací funkce kamery.

Zaostření

Stiskněte tlačítka **[FOCUS FAR]** nebo **[FOCUS NEAR]** na ovladači, aby odpovídaly zaostření kamery.

Clona

Stiskněte tlačítka **[IRIS OPEN]** nebo **[IRIS CLOSE]** na ovladači a upravte jas videa kamery.

Přednastavění

Posune kameru na předem určený bod.

Nastavení předvolby

1. Vyberte kameru, u které chcete nastavit předvolbu.
2. Použijte joystick k přesunu kamery do požadovaného bodu.
3. Stiskněte tlačítko **[SETUP]** a zadejte požadované číslo pomocí číselných tlačítek.
Poté stiskněte tlačítko **[PRESET]**.

Provedení předvolby

1. Vyberte kameru.
2. Zadejte požadované číslo(a) pomocí číselných tlačítek a stiskněte **[PRESET]**.
3. Předvolba bude provedena.



■ Pro řady kupolových kamer SCP-3430, SCP-2430, SCP-3250 a SCP-2250 PTZ je podporováno 512 nastavení pouze je-li použit protocol Samsung E.

použití nabídky

Houpání

Můžete pohybovat kamerou mezi dvěma přednastavnými body a sledovat dráhu.

Nastavení kyvadlového pohybu

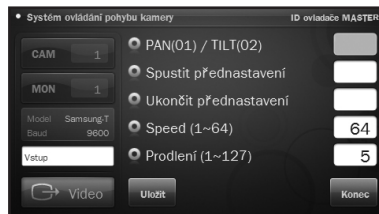
1. Vyberte položku <Houpání> z obrazovky nabídky.
2. Stiskněte <NASTAVENÍ>.



3. Použijte číselná tlačítka pro výběr PAN/TILT a určete počáteční předvolbu a koncovou předvolbu.
4. Určete rychlost a prodlevu.
5. Stiskněte <Uložit>.

Provedení kyvadlového pohybu

1. Vyberte položku <Houpání> z obrazovky nabídky.
2. Použijte číselná tlačítka pro výběr PAN nebo TILT pro typ kyvadlového náklonu.
3. Funkce kyvadlového pohybu bude provedena.



Skupina

Můžete vytvořit skupinu vícečetných předvoleb předtím, než je vyvoláte v sekvenci.

Vytvoření skupiny

1. Vyberte z nabídky obrazovky položku **<Skupina/PROHLÍŽENÍ>**.
2. Vyberte **<Nastavení skupiny>**.
3. Zadejte číslo skupiny a stiskněte **[ENTER]**.
4. Určete rychlost a prodlevu.
5. Stiskněte **<Uložit>**.



Provedení funkce skupiny

1. Vyberte z nabídky obrazovky položku **<Skupina/PROHLÍŽENÍ>**.
2. Vyberte **<Skupina Provádím>**.
3. Zadejte číslo skupiny a stiskněte **[ENTER]**.
4. Funkce skupiny bude provedena.



použití nabídky

Trasa

Před provedením skupin v sekvenci si můžete prohlédnout alespoň jednu skupinu.

Nastavení prohlídky

1. Vyberte položku <Trasa> z obrazovky nabídky.
2. Vyberte <Tour Setting>.
3. Pokaždé, když stisknete číslo skupiny, kterou si chcete prohlédnout, skupina bude přidána do prohlídky.
 - Do prohlídky můžete přidat až 6 skupin.
4. Změny uložíte klepnutím na <Uložit>.



Provedení funkce prohlídky

1. Vyberte položku <Trasa> z obrazovky nabídky.
2. Vyberte <Tour Executing>.
3. Funkce prohlídky bude provedena.

Sledování

Joystickem nebo tlačítky kamery můžete ovladači přikázat nahrávání pohybu kamery po určitou dobu a opakování tohoto pohybu.

Nastavení sledování

1. Vyberte položku <Sledování/VZOR> z obrazovky nabídky.
2. Vyberte <ZÁZNAM>.
3. Určete číslo sledování pro nahrávání.
4. Joystickem nebo tlačítky kamery ovládejte pohyb kamery podle vašeho přání.



Provedení sledování

1. Vyberte položku **<Sledování/VZOR>** z obrazovky nabídky.
2. Vyberte **<PŘEHRÁT>**.
3. Určete číslo sledování pro provedení.
4. Funkce sledování bude provedena.



Automatické zaostření

1. Vyberte položku **<A/F>** z obrazovky nabídky.
2. Funkce automatického zaostření se aktivuje.

Resetovat

1. Vyberte položku **<Resetovat>** z obrazovky nabídky.
2. Nastavení kamery bude obnoveno.

Uzamčení cíle

1. Vyberte položku **<Uzamčení cíle>** z obrazovky nabídky.
Na videu kamery se objeví obdélník.
2. Přesuňte ho na objekt, který má být sledován a stiskněte **[ENTER]**.
 - Toto se týká pouze kamer, které podporují funkci sledování.



Sledovat

1. Vyberte položku **<Sledovat>** z obrazovky nabídky.
2. Funkce stopování bude provedena.
 - Toto se týká pouze kamer, které podporují funkci stopování.

použití nabídky

OVLÁDÁNÍ DVR

V závislosti na modelu, může mít DVR dostupné různé funkce.
Pro podrobné informace se obraťte na konkrétní uživatelskou příručku.

- Nesprávné nastavení může způsobit potíže při užívání DVR.

Výběr DVR

1. Stiskněte tlačítko **[DVR]**.
2. Použijte číselná tlačítka k zadání čísla DVR (0 – 25) a stiskněte **[ENTER]**.



3. Objeví se obrazovka hlavní nabídky.
Liší se v závislosti na modelu.

- U DVR, které podporují protokoly SRD, obrazovka nabídky zobrazí pouze dostupné položky.
- Pokud připojíte DVR, které podporuje protokoly SRD, bude nastavení PTZ provedeno automaticky.



Výběr kanálu DVR

1. Použijte číselná tlačítka k zadání čísla požadovaného kanálu DVD.
2. Stiskněte tlačítko **[CAM]**

Ovládání nabídky DVR

1. Pro ovládání nabídek vybraných DVR, stiskněte tlačítko **[MENU]** na ovládací liště DVR.
2. Stisknutím šipek přejděte na požadovanou položku nabídky a stiskněte tlačítko **[ENTER]**.

Ovládání zařízení PTZ, které je připojeno k DVR

V závislosti na modelu DVR, nemusíte být schopni ovládat zařízení PTZ, které je připojeno k DVR. Pokud je to váš případ, stiskněte tlačítko **[PTZ]** pro přepnutí mezi režimem ovládání DVR a režimem ovládání kamery.

Ovládání zařízení PTZ v režimu DVR

1. Stiskněte tlačítko **[PTZ]** v pravém spodním rohu obrazovky nabídky DVR.
2. Pro ovládání kamery PTZ ve spojení s DVR použijte joystick.
Podrobné informace viz uživatelská příručka DVR.

Přihlášení DVR

Do nabídky DVR musíte vstoupit se správným uživatelským účtem.



- Pro deaktivaci vstupního pole vyberte nabídku **<Vstup>**.
Nyní můžete použít pouze tlačítka čísl pro přepnutí kanálu nebo zadání hesla pro DVR bez použití tlačítka **[CAM]**.
Pro návrat do předchozího režimu znovu vyberte nabídku **<Vstup>**.

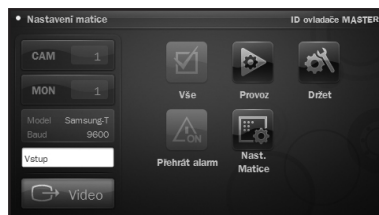


OVLÁDÁNÍ MATRIX

Ovládání monitoru a kamery v režimu Matrix

V režimu Matrix můžete ovládat monitor a kameru.

1. Stiskněte tlačítko **[MTX]**.
2. Vyberte číslo monitoru a stiskněte tlačítko **[MON]**.
3. Vyberte číslo kamery a stiskněte tlačítko **[CAM]**.
Vybraný monitor bude přehrávat video vybrané kamery.



Přehrávání současného videa na předchozím monitoru

Zadejte číslo kamery.

1. Stiskněte číslo kamery na obrazovce nastavení Matrix a poté stiskněte tlačítko **[CAM]**.
2. Předchozí monitor bude přehrávat video právě vybrané kamery.

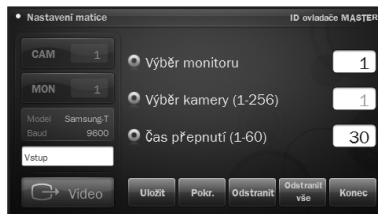
Automatický výběr

V nabídce nastavení MATRIX můžete nastavit rozvrh operací.

1. V nabídce nastavení MATRIX vyberte číslo monitoru a stiskněte tlačítko **[MON]**.
2. Na obrazovce nabídky stiskněte tlačítko **<Nast. auto výběru>**.



3. Když se zobrazí obrazovka **<Nast. auto výběru>**, vyberte monitor a kameru pro připojení a upřesněte prodlevu.
4. Když dokončíte nastavení kamery č. 1, stiskněte tlačítko **<Pokr.>** a určete prodlevu pro kameru č.2.
5. Po dokončení nastavení času prodlevy stiskněte tlačítko **<Uložit>**.



Provoz / Držet

Tlačítko Run/Hold spustí nebo pozastaví Automaticky vybrané nastavení, které jste provedli. Stiskněte kombinaci tlačítek **<Vše> + <Provoz>** pro spuštění vašeho Automatického výběru. Stiskněte kombinaci tlačítek **<Vše> + <Držet>** pro zastavení provádění Automatického výběru a počkání na vaše další pokyny.

- Zadání operace jednotlivému monitoru provedete stiskem kombinace tlačítek „číslo monitoru“ + **<Provoz>** nebo „číslo monitoru“ + **<Držet>**.

Přehrát alarm

Pokud je snímač v režim Přehrávání alarmu spuštěn, zazní siréna, v případě, že jednotka alarmu má nastavenou sirénu na ZAP., nebo můžete ovládat externí zařízení pomocí indikátorů, v případě, že jednotka alarmu má nastaven výstup ovládání indikátorů. Pro uvolnění alarmu na jednotce alarmu znovu stiskněte tlačítko **<Přehrát alarm>**.

nastavení nabídky

VYVOLÁNÍ HLAVNÍ NABÍDKY

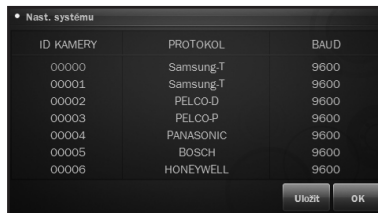
1. Stiskněte Tlačítko **[FUNC]** na ovladači a Klepněte Na Položku **[SETUP]**.
2. Když se objeví obrazovka nastavení systému, vyberte požadovanou položku nabídky.



NASTAVENÍ PTZ

Na obrazovce nastavení PTZ upřesněte protokol a přenosovou rychlost.

1. Na hlavní obrazovce nastavení stiskněte tlačítko **<PTZ>**.
2. Pro přesun na požadovanou nabídku použijte šipky nebo joystick.
3. Pomocí položek **[ZOOM WIDE]** nebo **[ZOOM TELE]** můžete změnit nastavení.
4. Po dokončení nastavení protokolu a přenosové rychlosti, stiskněte tlačítko **<Uložit>**.
5. Pro ukončení obrazovky Nastavení PTZ, stiskněte tlačítka **<OK>** nebo **[ESC]**.



- Před přesunem na další stranu uložte svá nastavení.

NASTAVENÍ DVR

Na obrazovce nastavení PTZ upřesněte protokol a přenosovou rychlost.

1. Na hlavní obrazovce nastavení stiskněte tlačítko <DVR>.
2. Pro výběr čísla kamery a určení typu DVR použijte šipky nebo joystick.
3. Určete přenosovou rychlost.
4. Po dokončení stiskněte tlačítko <Uložit>.
5. Pro ukončení obrazovky Nastavení DVR, stiskněte tlačítka <OK> nebo [ESC].



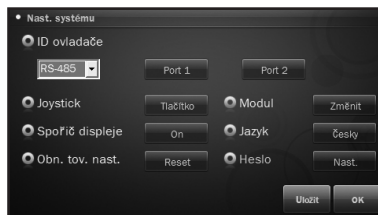
■ Před přesunem na další stranu uložte svá nastavení.

NASTAVENÍ OVLADAČE

ID ovladače

Můžete vybrat systém rozhraní RS-485 nebo RS-422.

1. Pro komunikaci mezi ovladačem a externími zařízeními vyberte rozhraní RS-485 nebo RS-422.
2. Stiskněte tlačítko portu pro upřesnění ID portu.

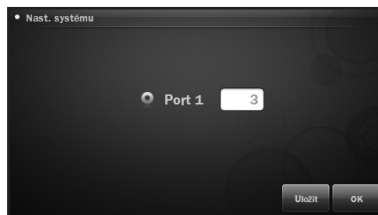


nastavení nabídky

ID 1. PORTU

Můžete určit ID ovladače pro použití při komunikaci s dalšími zařízeními.

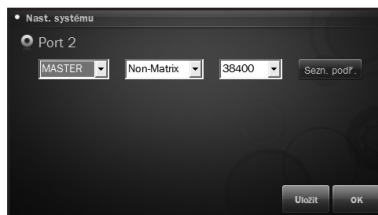
1. Na obrazovce nastavení ID ovladače stiskněte tlačítko [Port 1].
2. Upřesněte ID a stiskněte tlačítko <Uložit>.



ID 2. PORTU

Můžete upřesnit hlavní ovladač nebo podřízené ovladače pro vzájemnou komunikaci a také nastavit použití matrix a sub-seznamu.

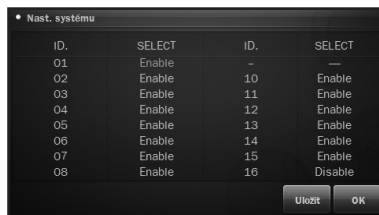
1. Na obrazovce nastavení ID ovladače stiskněte tlačítko [Port 2].
2. Pro výběr požadované položky a výběr komunikačního systému mezi ovladači použijte šipky.
 - V prostředí vícečetných ovladačů musíte nastavit podřízený seznam.
3. Po dokončení stiskněte tlačítko <Uložit>.



Sezn. podř.

U komunikačního systému včetně hlavního a podřízených ovladačů musíte nastavit <Sezn. podř.>.

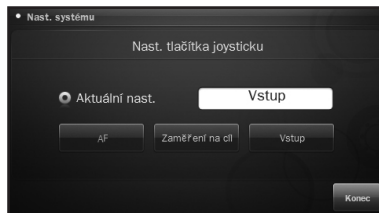
1. Stiskněte tlačítko [Sezn. podř.].
2. Pro výběr požadované položky a konfiguraci nastavení pomocí [ZOOM WIDE] nebo [ZOOM TELE] použijte šipky.
 - ID MATRIX ID je pevně nastaveno na <SUB 09>.
3. Po dokončení stiskněte tlačítko <Uložit>.
4. Pro ukončení obrazovky <Sezn. podř.>, stiskněte tlačítka <OK> nebo [ESC].



Operace tlačítek joysticku

Můžete nastavit operace tlačítek joysticku.

1. Stiskněte tlačítko joysticku <Tlačítko>.
2. Na obrazovce operací tlačítek joysticku vyberte funkční tlačítko pro vybrané tlačítko joysticku.
3. Zkontrolujte současné nastavení a stiskněte tlačítko <Konec>.



Spořič obrazovky

Když nemáte v úmyslu po delší dobu ovladač používat, můžete nastavit aktivaci spořiče obrazovky.

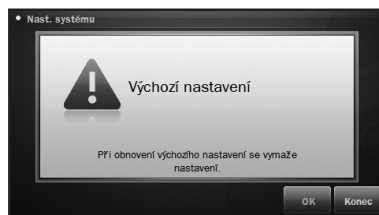
1. Pokud chcete zobrazit obrazovku s logem, nastavte spořič obrazovky na <On>.
2. Stiskněte tlačítko <OK> pro provedení změn, pro zrušení nastavení stiskněte tlačítko <Konec>.

nastavení nabídky

Výchozí nastavení

Současné nastavení můžete vrátit na tovární nastavení.

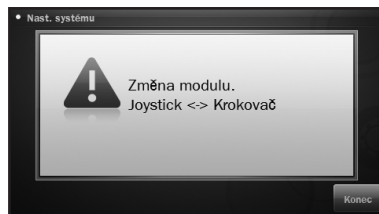
1. Stiskněte tlačítko **<Reset>**.
2. Stiskněte **<OK>**.
Současné nastavení se vrátí na tovární nastavení.
3. Pro odchod z nabídky stiskněte tlačítko **<Konec>**.



Přepínání mezi moduly

Můžete změnit umístění korkovače a joysticku zleva doprava nebo opačně.

1. Stiskněte tlačítko **<Změnit>**.
2. Na obrazovce Změna modulu můžete změnit pozici krokovače a joysticku.
3. Pro odchod z obrazovky stiskněte tlačítko **<Konec>**.



Jazyk

Vyberte preferovaný jazyk uživatelského rozhraní.

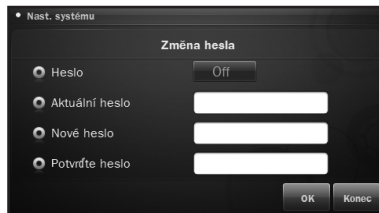
1. Stiskněte tlačítko **<Jazyk>**.
2. Na obrazovce Výběr jazyka vyberte preferovaný jazyk pomocí šipek nebo joysticku.
 - Jazyk bude okamžitě změněn na vámi zvolený.
3. Pro odchod z obrazovky výběru jazyka stiskněte tlačítko **<Konec>**.



Heslo

Můžete nastavit povolení nebo zakázání hesla ovladače.

1. Stiskněte tlačítko **<Nast.>** heslo.
2. Povolení heslo provede nastavení na **<On>**.
Nastavení na hodnotu **<Off>** heslo zakáže.
3. Zadejte současné heslo.
4. Stiskněte tlačítko **<OK>** pro provedení změn, pro zrušení nastavení stiskněte tlačítko **<Konec>**.



Změna hesla

Můžete provést změnu hesla.

1. Stiskněte tlačítko **<Nast.>** heslo.
2. Zadejte současné heslo.
3. Zadejte nové heslo.
4. Stiskněte tlačítko **<OK>** pro provedení změn, pro zrušení nastavení stiskněte tlačítko **<Konec>**.



- Výchozí heslo je „4321“.



- Výchozí heslo může být ohroženo prozrazením, proto doporučujeme po instalaci změnit heslo.
Vezměte na vědomí, že za narušení bezpečnosti a další problémy vzniklé nezměněním hesla nese odpovědnost uživatel.

nastavení nabídky

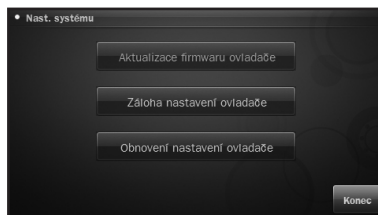
AKTUAL. FIRMWAREU

Současný firmware můžete aktualizovat pomocí souborů firmware v paměti USB.

Aktualizace firmwaru ovladače

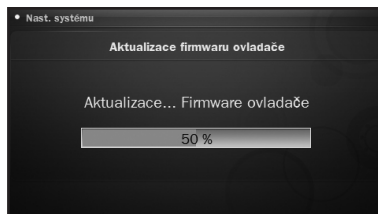
Může stáhnout nejnovější firmware soubory a aktualizovat ovladač.

1. Připojte k systémovému ovladači paměť USB s nejnovějšími firmware soubory.
2. Na obrazovce nastavení nabídky stiskněte tlačítko **<Aktualizace>**.
3. Stiskněte tlačítko **<Aktualizace firmwaru ovladače>**.



4. Na obrazovce aktualizace stiskněte **<OK>**.
Na liště bude zobrazen stav aktualizace.
5. Počkejte než se systém po aktualizaci restartuje.

- Během aktualizace neodpojujte paměť USB nebo napájecí kabel. Jinak by mohlo dojít k selhání aktualizace firmwaru nebo systémové chybě.



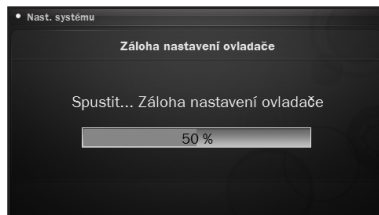
Záloha nastavení ovladače

Pokud chcete změnit ovladač nebo vyměnit kameru, můžete uložit nastavení ovladače do souboru a vložit nastavení ovladače do nové kamery.

1. Na obrazovce nastavení nabídky stiskněte tlačítko **<Aktualizace>**.
2. Stiskněte tlačítko **<Záloha nastavení ovladače>**.
3. Stiskněte **<OK>**.
Zahájí se proces zálohování.



- Během zálohování neodpojujte paměť USB nebo napájecí kabel. Jinak by mohlo dojít k selhání zálohování nastavení ovladače.



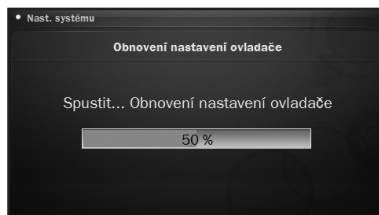
Obnovení nastavení ovladače

Pokud jste nenastavili ovladač správně nebo jste jej resetovali, můžete natáhnout současná nastavení do jiného ovladače.

1. Na obrazovce nastavení nabídky stiskněte tlačítko **<Aktualizace>**.
2. Stiskněte tlačítko **<Obnovení nastavení ovladače>**.
3. Stiskněte **<OK>**.
Zahájí se proces obnovení.



- Během obnovení neodpojujte paměť USB nebo napájecí kabel. Jinak by mohlo dojít k selhání obnovení nastavení ovladače.



nastavení nabídky

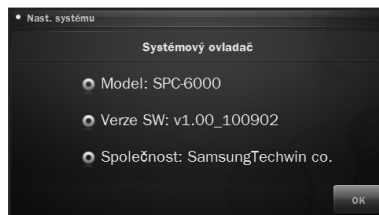
KONTROLA INFORMACÍ OVLADAČE

Můžete zkontrolovat název modelu a verzi softwaru systémového ovladače.

Obrazovka stavu

Můžete zkontrolovat stav ovladače.

1. Na obrazovce nastavení nabídky stiskněte tlačítko **<Stav>**.
2. Zkontrolujte stav ovladače.



TECHNICKÉ ÚDAJE

Položka	Popis
Systém rozhraní	RS-485 / 422 (rozhraní dálkového ovládání: max. 1 km) TTL (pro ovládání matrix)
Ovládané jednotky	Max. 255
Přenos. rychlost	2,400 – 38,400 b/s
Kompatibilita	PTZ / DVR / MATRIX / PŘIJÍMAČ
Protokol (PTZ)	Samsung-T, Samsung-E, PELCO-D, PELCO-P, Panasonic, Vicon, AD, Honeywell, ELMO, BOSCH, GE
Protokol (DVR)	SVR, SRD, SRP
Protokol (MATRIX)	SMX-25632
Protokol (PŘIJÍMAČ)	Samsung-T
Vícejazyčná podpora	Angličtina, Španělština, Francouzština, Italština, Němčina, Turečtina, Polština, Ruština, Portugalština, Švédština, Holandština, Čeština, Srbština, Korejšťina, Čínština, Japonština
LCD displej	5" TFT LCD + Dotykové LCD
Port USB	Zálohování / Obnova, aktualizace softwaru
Port videa	Vstup videa BNC, průchozí výstup
Joystick	Ovládání PTZ (3 axiální twist zoom)
Krokovač	Ovládání přehrávání DVD
Napájení	12 V ss., Max 4 W
Provozní teplota	0 °C – 40 °C
Provozní vlhkost	10 – 70% (bez kondenzace)
Rozměry	459,1 (Š) x 59,1 (V) x 177,9 (H) mm
Hmotnost	Přibližně 1,5 kg (bez adaptéru)

OTÁZKY A ODPOVĚDI

Problém	Akce
Nemohu komunikovat se systémovým ovladačem.	• Zkontrolujte, zda je kabel rozhraní RS-485 správně připojen. • Je-li komunikace nestabilní v důsledku šumu v komunikačním spoji, připojte port G zařízení k portu G zařízení SPC-6000.
	• Zkontrolujte, zda je adresa systémového ovladače správně upřesněna. • Upřesnění adresy viz položka „Nastavení Ovladače“ v „Nabídka Nastavení“. (► strana 35)
Paměť USB není správně rozpoznána.	• Zkontrolujte správnou funkci paměti USB. • Použijte pouze jednu paměť USB a zkuste to znovu.



- LCD panel systémového ovladače je spotřební díl.
Pro zakoupení panelu kontaktujte prodejce nebo servisní centrum.

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 - Linux Kernel, QT, Busybox, Sysvinit, dosfstools, Uboot, Bash, initutils
 - LGPL S/W
 - gLibc
-

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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

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