

# IP kamery a VMS MESSOA

Vlastislav Jurák

KABA 2014



# Kompatibilita

**MESSÇA**<sup>®</sup>

**ONVIF**



# Vlastnosti kamer Messoa

- **Rozlišení MPX**

- ✓ 1/2.7" **Lumii** sensor

- ✓ 1920(H) X 1080(V) 16:9

- Triple streaming H.264/MPEG-4/MJPEG

- Wide/Hyper Dynamic

- Smart Encoding (ROI)

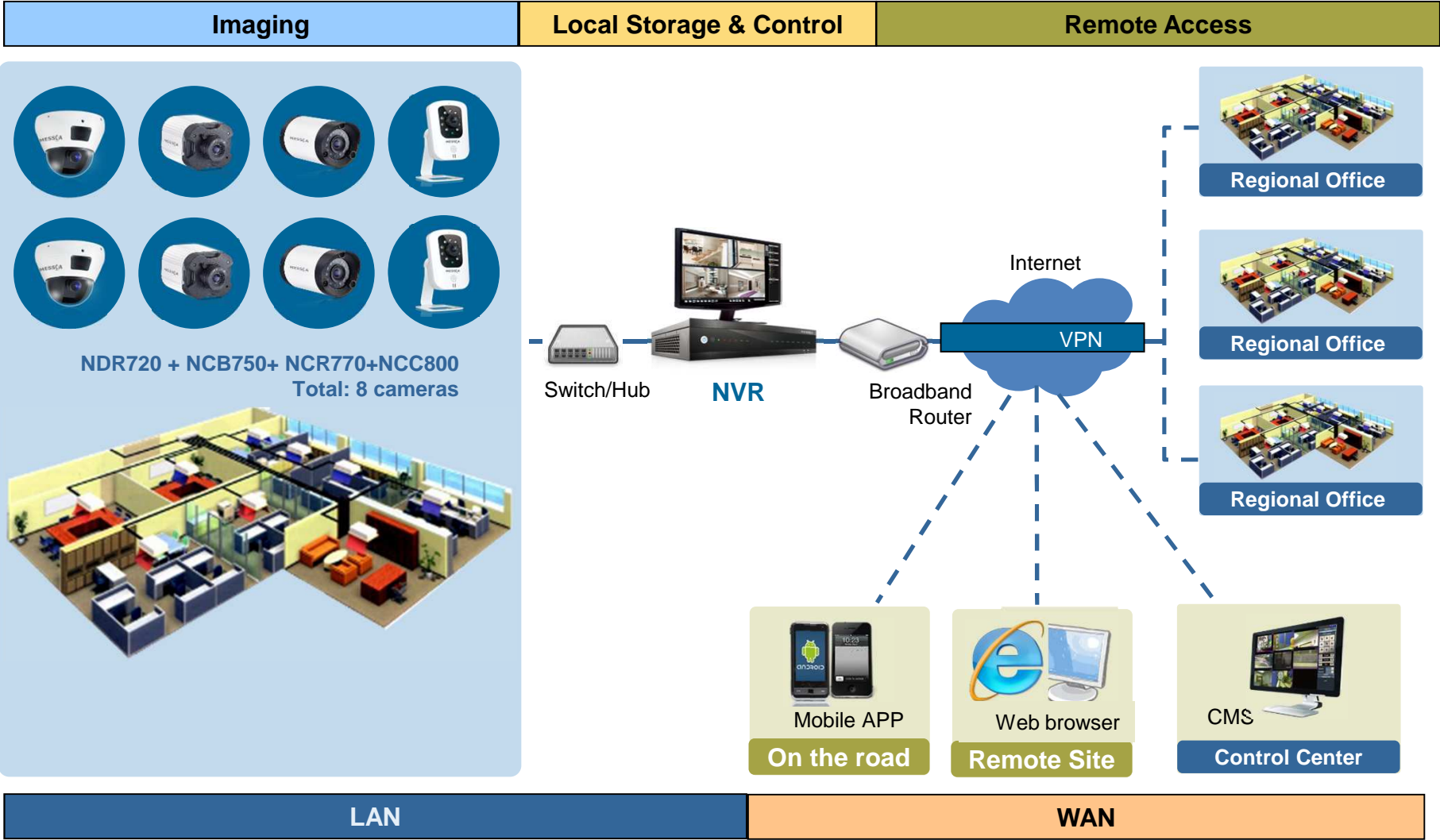
- Smart Focus

- Video detekce

- ONVIF Compliant



# Video dohled s NVR



# Mini NVR

- NVR 203-004 a NVR 203-008
- NVR 206-016

- Embedded Linux H.264, SATA HDD
- Live, record, playback, remote, backup
- Pelco P/D PTZ
- HDMI, VGA out,
- I/O – 4/1, 8/2, 16/4
- Web interface + iOS, Android





# HDMI & VGA Display

- 1080p při 25fps
- Současně VGA i HDMI
- Kvalitní čisté a plynulé video

**VGA****HDMI**<sup>®</sup>  
HIGH DEFINITION MULTIMEDIA INTERFACE**Full HD**  
1080**HDMI VGA**

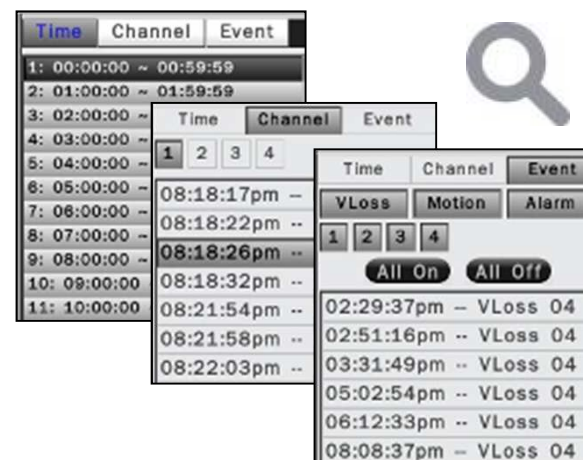
# Další funkce NVR

## Intuitivní GUI



## Hledání

Podle času, kanálu, události



## Storage

NVR203-004/008

3 SATA HDD pro dlouhodobý záznam



NVR206-016

6 SATA HDD pro dlouhodobý záznam



## Archivace

Snadná záloha na USB



7

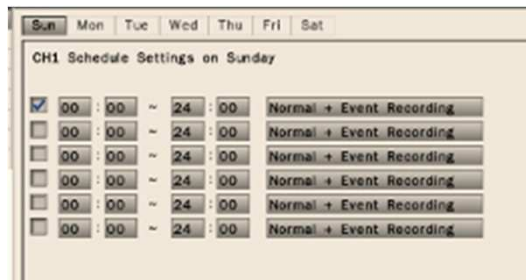
# Další funkce NVR

## Správa událostí - alarmů



## Schedule

Záznam dle časového plánu



## PTZ

Podporuje PTZ řízení & preset



## Autorizace

3 úrovně uživatelů

	Administrator	Operator	Guest
View live	Yes	Yes	Yes
OSD	Yes	Yes	Yes
Live Multiple-up	Yes	Yes	Yes
Zoom	Yes	Yes	Yes
Pan/Tilt/Zoom (PTZ)	Yes	Yes	No
Playback	Yes	Yes	No
Export	Yes	Yes	No
Acknowledge Alarm	Yes	Yes	No
Configuration	Yes	No	No



# Kompatibilní kamery Messoa

## 1 MP kamery



**NCB750**  
4mm  
30fps@1280x800  
ICR D/N



**NCR770**  
4.2mm, 10m IR  
30fps@1280x800  
ICR D/N



**NDR720**  
4mm, 7m IR  
30fps@1280x800  
ICR D/N

## 1.3 MP kamery



**NCC700**  
4.3mm,  
30fps@1280x1024  
Digital D/N



**NDZ760**  
4.2mm  
30fps@1280x1024  
3m IR  
ICR D/N

## 2MP kamery



**NCC800(WL)**  
3.1mm, 10m (33ft) IR  
30fps@1920x1080  
Digital D/N,  
Wi-Fi



**NCR875PRO(H)**  
3-9mm, 25m IR  
30fps@1920x1080  
ICR D/N



**NCB855PRO**  
30fps@1920x1080  
ICR D/N



**NDF820PRO**  
4mm,  
30fps@1920x1080  
Digital D/N



**NDF821PRO**  
3-9mm,  
30fps@1920x1080  
ICR D/N



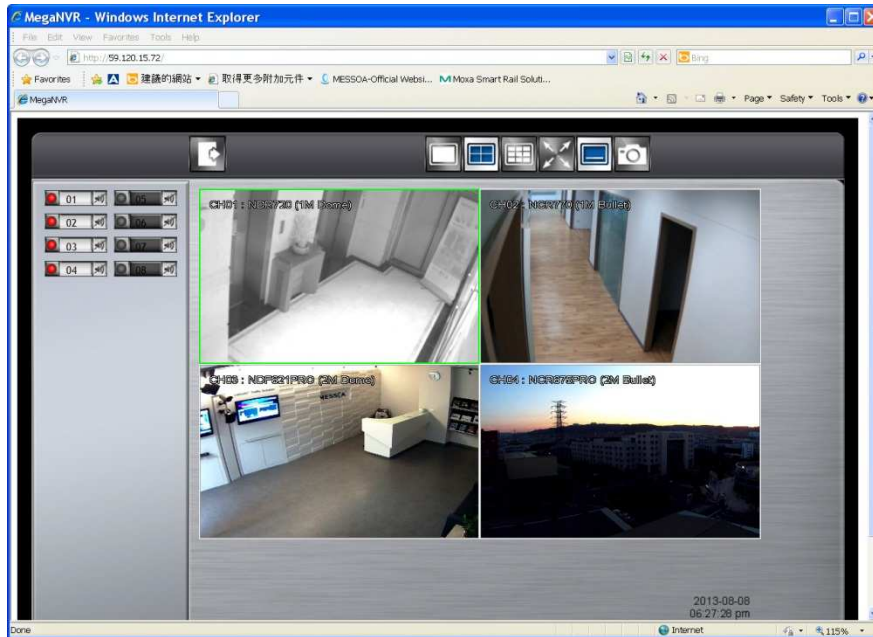
**NDF831PRO**  
3-9mm,  
30fps@1920x1080  
ICR D/N,  
IP67, IK10



**NDR891PRO(H)**  
3-9mm, 25m IR,  
30fps@1920x1080  
ICR D/N,  
IP67, IK10

# Vzdálený klient

- Web interface
- Mobilní aplikace, iOS, Android
- CMS – live, playback, PTZ



# VMS 200

- Až 32 kanálů
- Až 4 klienti
- On-screen PTZ, e-PTZ
- IE9, IE10 – všechny funkce
- Záznam – trvalý, ručně, plán, událost
- Událost – záznam, PTZ preset, live, audio, dig. Out, SMS, e-mail
- Playback 16 kanálů simultánně
- Diagnostika CPU, chlazení
- Export alarmů do Excel tab.
- ČEŠTINA



Live



Recording



Setup



Network


















Backup



**PROFICOMMS**  
value added distributor















[www.proficomms.cz](http://www.proficomms.cz)

## New Models vs Existing Models Network Camera Line










Type		1/ 1.3MP	2MP	3MP	5MP
Box		NCB750 	NCB855PRO 		NCB858 
				NCB355 	NCB358 
Bullet	Motorized Lens			NCR365 	NCR368 
	Fixed Focal	NCR770 	NCR870S 		
	Vari-Focal		NCR875PRO 		NCR878 
Cube		NCC700 	NCC800(WL) 		
PTZ		NDZ760 		PTZ900 	

Existing Models / New Models

## New Models vs Existing Models Network Camera Line

Type		1MP/ 1.3MP	2MP	3MP	5MP
Indoor Dome	Fixed-focal		NDF820PRO 		
	Vari-focal	NID321 	NDF821PRO 	NID325 	
	Motorized			NID335 	NID338 
Outdoor Dome	Vari-focal		NDR891PRO 	NOD385 	
			NDF831PRO 		
	Motorized			NOD395 	NOD398 
Mini Dome	Flat Dome	UFD301 		UFD305 	
	Indoor Dome	NDR720 			

## New Models vs Existing Models PTZ & LPR Line

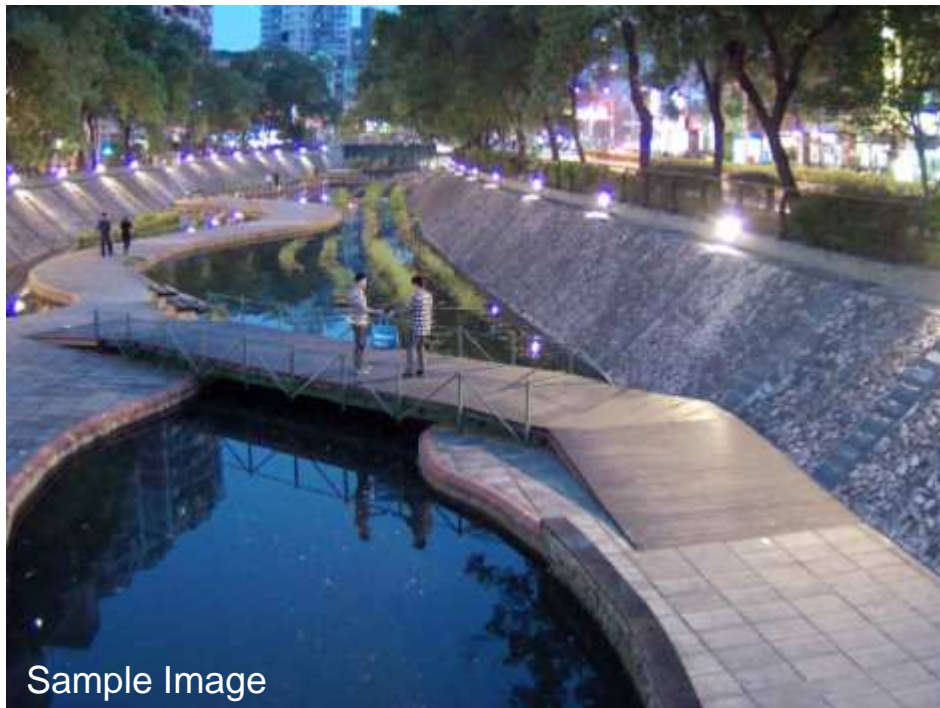
Type	D1	2M	3M
10X zoom lens			PTZ900 
18X zoom lens	SDS710PRO  NIC910HPRO		SPD970 
20/22/28X zoom lens	SDS730PRO  NIC930HPRO	NIC990 	
30/36X zoom lens	SDS750PRO  NIC950HPRO		
LPR	SCR505  SCR506R		LPR606 
	SCR510  SCR515PRO		



# Exceptional Low Lux Performance

Maven  
Series

- Higher Sensitivity
  - Capturing clear images even in extremely low-light environments
- Uniform IR Light Intensity
  - Delivering even lighting across the entire field of view to capture every detail



Sample Image

 value added distributor



Sample Image

 www.proitcomms.cz

# 3D Noise Filtering

- Clearer picture with less noise, especially in low light conditions without suffering motion blur and ghosting
- Provides noise-free images while maintaining sharpness
  - Less bandwidth and storage consumption needed



# Hyper Dynamic Range (HDR)

- A new generation of WDR with sophisticated algorithm and tone mapping technology that delivers enhanced images
- Ideal for high contrast scenes e.g. building entrances





# Built-in Heater Powered by PoE

Maven  
Series

- Available for outdoor models
- Ideal for operation at wide temperature range
  - -40 ~50 °C (-40~122 °F) using high power PoE



 **PROFICOMMS**  
value added distributor

**-40° C / -40° F**  **50° C / 122° F**

 [www.proficomms.cz](http://www.proficomms.cz)

# Outdoor Ready

Maven  
Series

- Available for all outdoor models
- Compliant with IP67 standard to withstand adverse weather conditions e.g. rain, dust
- IK10-rated enclosure to protect against vandalism

## Water-resistant Outlet

protects the cabling from water damage  
(Flat dome only)

## Vandal Resistance

Rugged metal enclosure offers versatility and camera protection in a compact size

IP67  
Compliance  
Resistant to water and dust





# Aplikace



School  
Education Center



Community  
Lobby  
Entrance, exits  
Hallways



Superstore  
Chain store



Office Building  
Branch offices



Hospital  
Health Care Center  
Nursery House





Thank you. Děkuji za pozornost.



736 625 807



jurak@proficomms.cz



www.proficomms.cz