

zoneminder



Soluzione per sicurezza e sorveglianza

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www.linuxtrent.it

c03-linuxtrent-zoneminder.odp

Installazione

Ubuntu software center

Cerca zoneminder

> Installa

Mysql server password

> xxx

Server di posta smtp

> out.alice.it

Installazione pro

Crea il link sotto apache e riavviare

```
> ln -s /etc/zm/apache.conf /etc/apache2/conf.d/zoneminder.conf
```

```
> /etc/init.d/apache2 restart
```

Se siamo bravi installiamo anche l'applet

```
> cd /usr/share/zoneminder
```

```
> wget 'http://www.charliemouse.com:8080/code/cambozola/cambozola-latest.zip'
```

```
unzip cambozola-latest.zip
```

```
> cp cambozola-0.92/dist/cambozola.jar .
```

Setup

Aprire mozilla e digitare

> http://localhost/zm

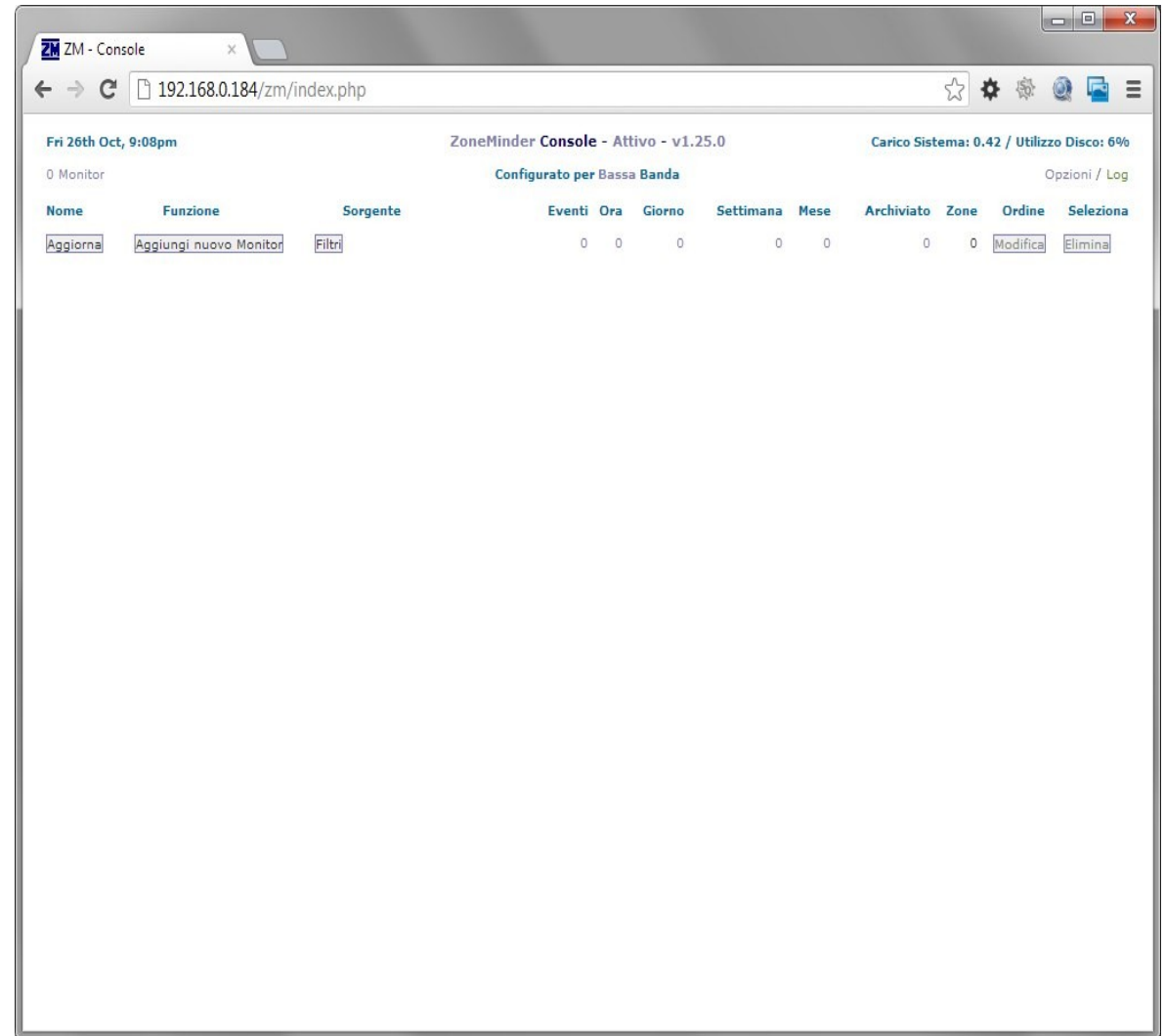
Impostiamo la lingua italiana

> options

> language it_it

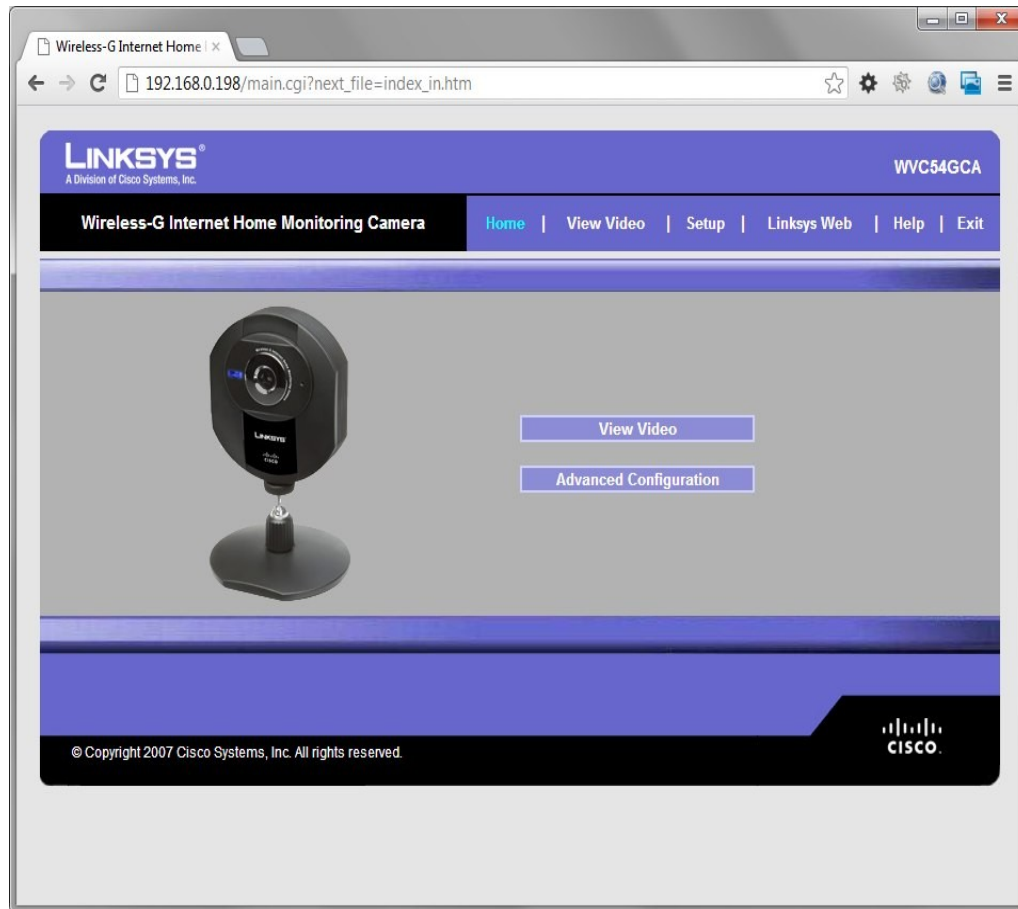
Riavvia

> stato attivo - riavvia



The screenshot shows the ZoneMinder Console web interface in a browser window. The browser address bar shows the URL `192.168.0.184/zm/index.php`. The page header includes the date and time `Fri 26th Oct, 9:08pm`, the application name `ZoneMinder Console - Attivo - v1.25.0`, and system status `Carico Sistema: 0.42 / Utilizzo Disco: 6%`. Below the header, there is a status bar indicating `0 Monitor` and `Configurato per Bassa Banda`. The main content area features a table with columns for `Nome`, `Funzione`, `Sorgente`, `Eventi`, `Ora`, `Giorno`, `Settimana`, `Mese`, `Archiviato`, `Zone`, `Ordine`, and `Selezione`. The table currently contains one row with values `0` for `Eventi`, `0` for `Ora`, `0` for `Giorno`, `0` for `Settimana`, and `0` for `Mese`. Action buttons like `Aggiorna`, `Aggiungi nuovo Monitor`, `Filtri`, `Modifica`, and `Elimina` are visible below the table.

Telecamera IP



linksys WVC54GCA

Aprire mozilla e digitare

> http://192.168.0.198

Login

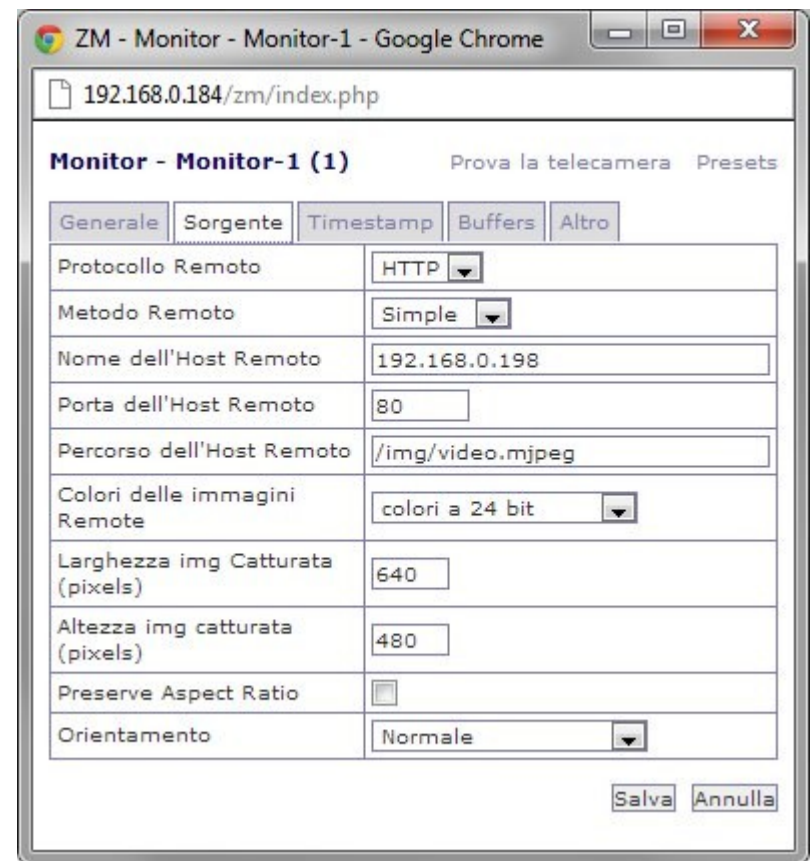
> admin

> admin

Aggancio

ZM console

- > aggiungi nuovo monitor
- > remoto (ovvero by IP)
- > funzione monitor (vedi)
- > Nome dell'Host Remoto: 192.168.0.198
- > Percorso: /img/video.mjpeg
- > Larghezza: 640
- > Altezza: 480



The screenshot shows a web browser window titled "ZM - Monitor - Monitor-1 - Google Chrome" with the address bar displaying "192.168.0.184/zm/index.php". The main content area is titled "Monitor - Monitor-1 (1)" and includes a "Prova la telecamera" button and a "Presets" link. Below the title are several tabs: "Generale", "Sorgente", "Timestamp", "Buffers", and "Altro". The "Generale" tab is active, showing a form with the following fields:

Protocollo Remoto	HTTP
Metodo Remoto	Simple
Nome dell'Host Remoto	192.168.0.198
Porta dell'Host Remoto	80
Percorso dell'Host Remoto	/img/video.mjpeg
Colori delle immagini Remote	colori a 24 bit
Larghezza img Catturata (pixels)	640
Altezza img catturata (pixels)	480
Preserve Aspect Ratio	<input type="checkbox"/>
Orientamento	Normale

At the bottom right of the form are two buttons: "Salva" and "Annulla".

Monitor

Modalità

> monitor

> modect: motion detection

> record: registrazione continua

> mocord: registrazione+eventi

> nodect: solo eventi

Monitor-1

Scala: Attuale

Chiudi

Monitor-1 - 12/10/26 21:34:50

Stato: Inattivo - 8.35 fps

Id	Nome	Ora	Secs	Immagini	Punteggio	
4	Event-4	2012-10-26 21:34:46	5.71	47/27	8/13	X
3	Event-3	2012-10-26 21:34:18	7.18	59/39	9/13	X
2	Event-2	2012-10-26 21:33:32	11.16	92/66	8/31	X
1	Event-1	2012-10-26 21:33:16	16.24	133/88	11/23	X

Montaggio

Montaggio

Chiudi

Scala: 3/4x Layout: 3-wide grid



Stato: Inattivo - 1.02 fps



Stato: Inattivo - 2.10 fps



Stato: Inattivo - 0.49 fps

Zone

Aree della foto soggette a motion detection

> schermata principale

> zone

Monitor Monitor-ingresso - Zona Nuovo

Nome	<input type="text" value="Nuovo"/>
Tipo	<input type="text" value="Active"/>
Preset	<input type="text" value="Scegli Preset"/>
Unità	<input type="text" value="Pixels"/>
Colore Allarme (RGB)	<input type="text" value="255"/> / <input type="text" value="0"/> / <input type="text" value="0"/>
Metodo di Controllo Allarme	<input type="text" value="Blobs"/>
Min/Max Soglia Pixel (0-255)	<input type="text"/> / <input type="text"/>
Larghezza/Altezza Filtro (pixels)	<input type="text"/> / <input type="text"/>
Zone Area	<input type="text" value="163623"/>
Min/Max Area Allarmata	<input type="text"/> / <input type="text"/>
Min/Max Area Filtrata	<input type="text"/> / <input type="text"/>
Min/Max Area di Blob	<input type="text"/> / <input type="text"/>
Min/Max Blobs	<input type="text"/> / <input type="text"/>
Overload Frame Ignore Count	<input type="text"/>



Punto	X	Y	Azione	Punto	X	Y	Azione
1	<input type="text" value="61"/>	<input type="text" value="52"/>	<input type="text" value="+-"/>	2	<input type="text" value="584"/>	<input type="text" value="29"/>	<input type="text" value="+-"/>
3	<input type="text" value="571"/>	<input type="text" value="303"/>	<input type="text" value="+-"/>	4	<input type="text" value="245"/>	<input type="text" value="504"/>	<input type="text" value="+-"/>

Filtri

Inviare email al verificarsi di certe condizioni

Auto purge: elimina gli eventi dal disco (tranne gli eventi archiviati)

Esportare eventi



Telecamere



Un elenco si trova sul sito

> www.zoneminder.com/wiki/index.php/Hardware_Compatibility_List

Conisglio telecamere IP con supporto ai protocolli RTSP o motion Jpeg:

- economiche Intellinet, Ubiquiti, Vivotek, ...
- professionali Axis, Mobotix, ...



Caratteristiche

- *Runs on any Linux distribution!*
- *Supports video, USB and network cameras.*
- *Support Pan/Tilt/Zoom cameras, extensible to add new control protocols.*
- *Built on standard tools, C++, perl and PHP.*
- *Uses high performance MySQL database.*
- *High performance independent video capture and analysis daemons allowing high failure redundancy.*
- **Multiple Zones (Regions Of Interest) can be defined per camera.** *Each can have a different sensitivity or be ignored altogether.*
- *Large number of configuration options allowing maximum performance on any hardware.*
- *User friendly web interface allowing full control of system or cameras as well as live views and event replays.*
- *Supports live video in mpeg video, multi-part jpeg and stills formats.*
- *Supports event replay in mpeg video, multi-part jpeg, stills formats, along with statistics detail.*
- *User defined filters allowing selection of any number of events by combination of characteristics in any order.*
- **Event notification by email** *or SMS including attached still images or video of specific events by filter.*
- **Automatic uploading of matching events to external FTP storage** *for archiving and data security.*
- *Includes bi-directional X.10 (home automation protocol) integration allowing X.10 signals to control when video is captured and for motion detection to trigger X.10 devices.*
- *Highly partitioned design allow other hardware interfacing protocols to be added easily for support of alarm panels etc.*
- *Multiple users and user access levels Multi-language support with many languages already included Full control script support allowing most tasks to be automated or added to other applications.*
- *Support external triggering by 3rd party applications or equipment.*
- **xHTML mobile/cellular phone access** *allowing access to common functions*
- *iPhone interface available*

Riferimenti

Sito ufficiale

> www.zoneminder.com



Grazie

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