

## Terminál OMERO HS

EMV-Chip	yes
Dial-Up-line	yes
ISDN-line	yes
IP (VPN)	yes
IP SSL (Internet)	no
External Modem	yes
ECR-Interface	yes
ECR versions 1.1–2.3	yes
Internal PINPAD	no

## BULL Ingenico 5100

EMV-Chip	yes
Dial-Up-line	yes
ISDN-line	yes
IP (VPN)	yes
IP SSL (Internet)	yes
External Modem	no
ECR-Interface	yes
ECR version 2.3	only
Internal PINPAD	yes

### Most important features:

- Stand-Alone-Terminals
- Connection through dial-up line or MSDN
- Connection through IP line (VPN, Internet – eg. ADSL)
- Interconnection to ECR

## Payment Terminals Stand-alone POS

26. 1. 2009

For electronic acceptance of bank cards Česká spořitelna, a. s., offers payment terminals Dionica Omero HS and BULL Ingenico 5100.

They represent standard “stand-alone” device, which is suitable for classical shops, where it is not necessary to carry the terminal anywhere else. In order to communicate with the authorisation centre the terminal needs to be connected to the dial-up analogue telephone line, ISDN line, IP line(with Virtual Private Network/VPN connected to ČS) or in case of SSL terminal IP line with connection to the Internet (eg. ADSL). In locations without any metallic connection the external GSM modem can be connected.



Payment terminal POS can be interconnected with the ECR cash-register system. Communication protocol is available to all ČS business partners upon request. All types of terminals offered by ČS are tested according to the EMV specifications and they are capable of accepting both the magnetic and also chip cards.

Use of standard dial-up through telephone line or ISDN pays off rather in smaller commercial units, which usually have only one payment terminal, smaller number of transactions and absence of the internet connectivity. During installation problems may occur with alternative operators and the VOIP service.

### List of supported payment operations:

Sales – Pre-authorisation – Transaction cancellation – Cash – Refund – Pre-authorisation completion – cash back – Quasi cash

### Other functions:

Multicurrency, Gratuity, Variable symbol



### Supplementary Options

External PINPAD I3050 can be used for entering PIN for Ingenico 5100 terminal or the terminal can be used only with the internal PINPAD. SW application detects the presence of external device and based on the result it will adjust behaviour of the application.