

POS data codes (Point Code)

Position	Description	Possible values
1	Card data input capability.	0 - Unknown (not suggested) 1 - Manual; no terminal (not applicable for POS) 2 - Magnetic stripe read (no smart card read capability) 3 - Bar code read (not suggested) 4 - Optical character reader (OCR) coding read (not suggested) 5 - Smart card read (with or without magnetic stripe read capability) 6 - Key entry-only (no smart card read capability, no magnetic stripe read capability) A - Contactless magnetic stripe read M - Contactless smart card read
2	Cardholder authentication capability	0 - No electronic authentication (signature based transactions or no authentication at all) 1 - PIN verification possible (off-line and/or on-line) 5 - Electronic authentication inoperative (i.e. PIN pad damaged) 9 - Unknown (not suggested)
3	Card capture capability	0 - No capture 1 - Card capture 9 - Unknown (not suggested)

Position	Description	Possible values
4	Operating environment	0 - No terminal used (not applicable for POS) 1 - On card acceptor premises; attended terminal 2 - On card acceptor premises; unattended terminal 3 - Off card acceptor premises; attended 4 - Off card acceptor premises; unattended 5 - On cardholder premises; unattended 6 - Off cardholder premises; unattended 9 - Unknown (not suggested) M - Mobile acceptance solution (mPOS) R - CAT level 7, transponder-initiated S - CAT level 1, unattended T - CAT level 2, unattended U - CAT level 3, unattended V - CAT level 4, unattended W - Electronic delivery of product (AmEx only) Z - Transit Access Terminal (TAT)
5	Cardholder present	0 - Cardholder present 1 - Cardholder not present (unspecified) 2 - Cardholder not present; mail order 3 - Cardholder not present; telephone 4 - Cardholder not present; standing authorization 5 - Cardholder not present (electronic order [PC, Internet, mobile phone]) 9 - Unknown (not suggested)
6	Card present	0 - Card not present 1 - Card present 9 - Unknown (not suggested)

Position	Description	Possible values
7	Card data input mode	0 - Unspecified (not suggested) 1 - Manual, no terminal (not applicable for POS) 2 - Incomplete magnetic stripe read 3 - Bar code read (not suggested) 4 - OCR coding read (not suggested) 5 - Smart card read 6 - Key entered 8 - Magnetic stripe read in fallback to smart card read 9 - Full magnetic stripe read A - Contactless magnetic-stripe read J - Credential on file M - Contactless smart card read N - PayPass mapping service R - PAN entry via electronic commerce, including remote chip S - Electronic commerce, SET without cardholder certificate ("merchant SET") T - Electronic commerce, SET with cardholder certificate ("full SET") U - Electronic commerce, no security V - Electronic commerce, channel encryption (e.g. SSL) W - PAN Auto Entry via Server
8	Cardholder authentication method	0 - Not authenticated 1 - PIN verified on-line or off-line 5 - Manual signature verification 6 - Other manual verification (e.g. driver's license photo and signature comparison) 7 - CD CVM 9 - Unknown (not suggested) T - Tokenization Request

Position	Description	Possible values
9	Cardholder authentication entity	0 - Not authenticated 1 - Smart card (off-line PIN verification using smart card data) 3 - Authorizing agent—Online PIN verification 4 - By merchant (signature verification or comparison) 5 - Other (e.g. non-smart card off-line PIN verification) 9 - Unknown (not suggested) S - Merchant-attempted-authentication electronic commerce T - Authenticated electronic commerce V - Non-authenticated electronic commerce
10	Card data output capability	0 - Unknown (not suggested) 1 - None 2 - Magnetic stripe write 3 - Smart card write
11	Terminal output capability	0 - Unknown (not suggested) 1 - None 2 - Printing 3 - Display 4 - Printing and display

Position	Description	Possible values
12	PIN capture capability	0 - No PIN capture capability 1 - Unknown (not suggested) 4 - PIN capture capability 4 characters maximum 5 - PIN capture capability 5 characters maximum 6 - PIN capture capability 6 characters maximum 7 - PIN capture capability 7 characters maximum 8 - PIN capture capability 8 characters maximum 9 - PIN capture capability 9 characters maximum A - PIN capture capability 10 characters maximum B - PIN capture capability 11 characters maximum C - PIN capture capability 12 characters maximum