

CHANGE HISTORY

1	Date	Version	Issue
	2011/10/17	1.0	Type-7 추가 - R&D Center 김광현
	2012/11/07	1.1	Type#6 Weight에 Decimal Point 추가 – AP Protocol과 동일하게 함
	2013/02/13	1.2	Type#4,6 PD-2와 동일하게 Weight Unit(kg, lb, oz, g) 소문자로 변경
	2013/02/22	1.3	Type#12 Dialog6 프로토콜 추가
	2013/06/13	1.4	Type#5 프로토콜 추가



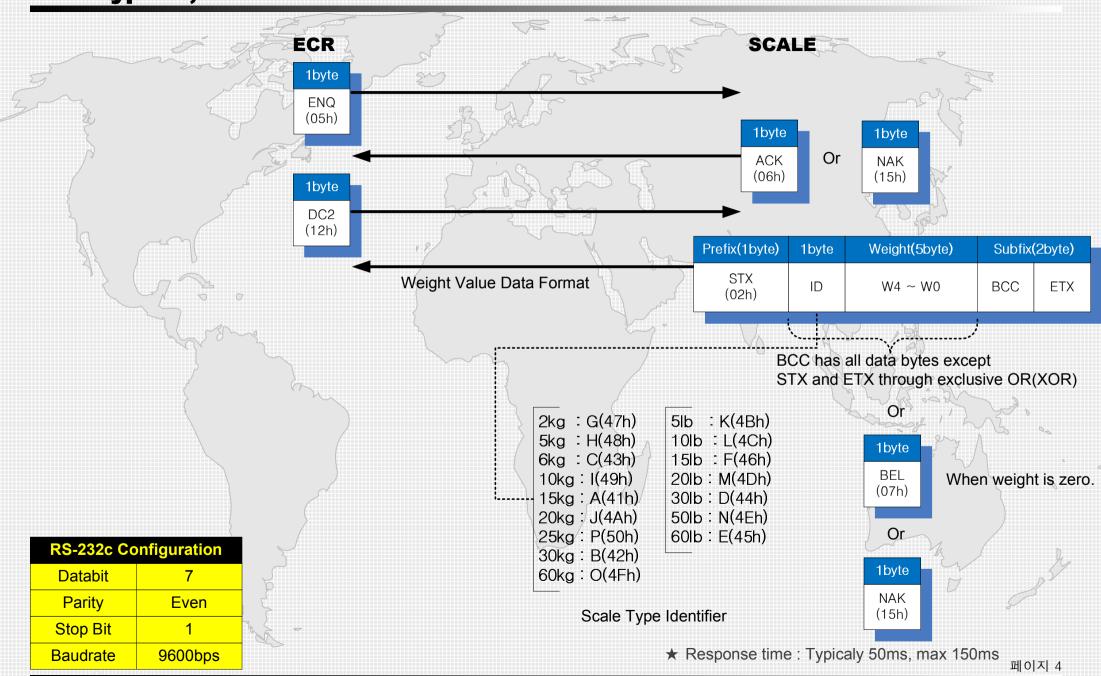
Transmission Data Description

Data	Hex	Description
SOH	01h	Start of heading
STX	02h	Start of Text
STA	53h, 55h	S(53h) : Stable, U(55h): Unstable
SIGN	2Dh, 20h	Sign of the weight data(2Dh-'-', 20h-' ')
W5~W0		Weight data
P7~P0		Total Price data
U7~U0		Unit Price Data
PN4~PN0		PLU number data

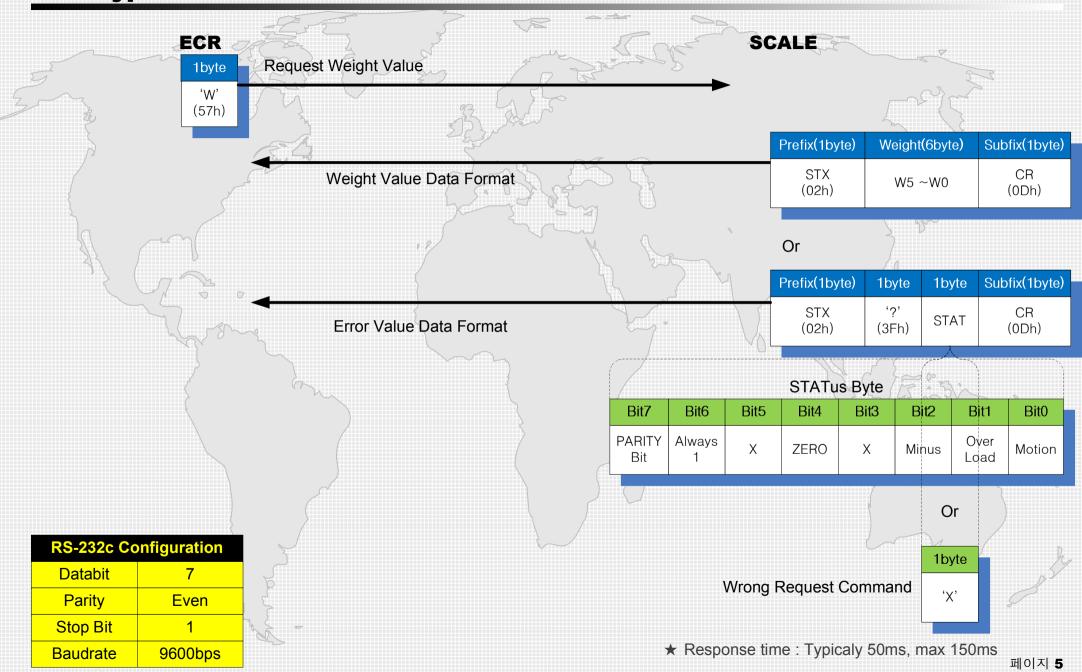
Data	Hex	Description
UN1~UN2	KG, LB	Unit of weight
BCC		Block check character(exclusive or - ^)
ETX	03h	End of text
EOT	04h	End of transmission



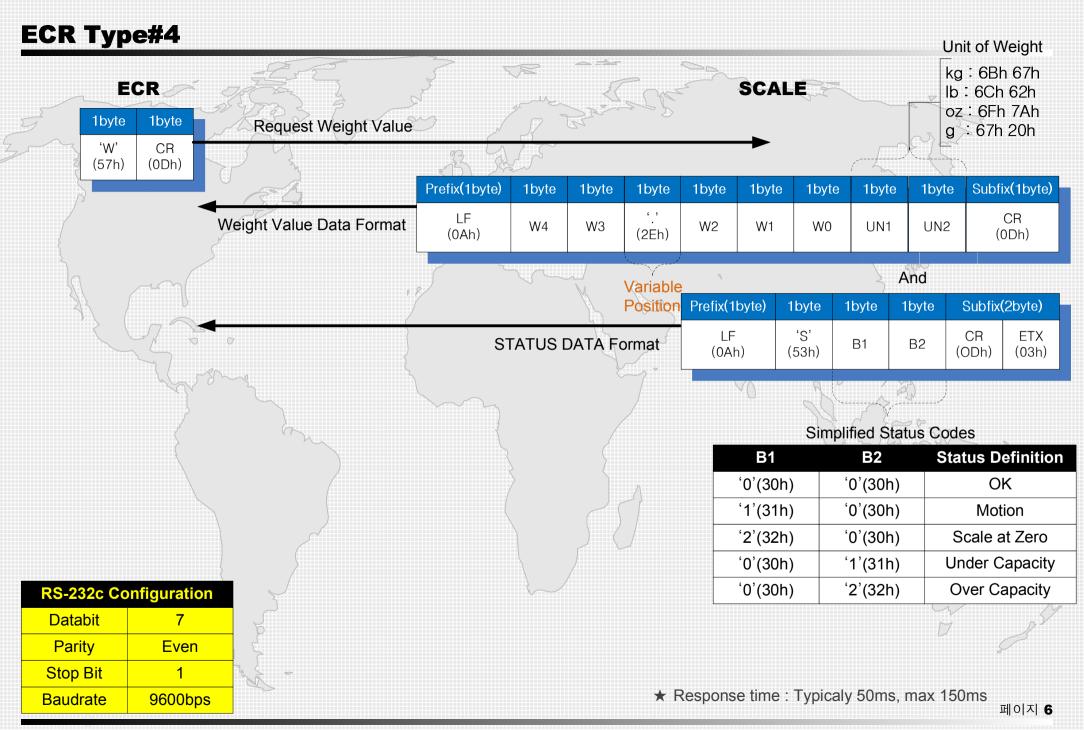
ECR Type#0, #1

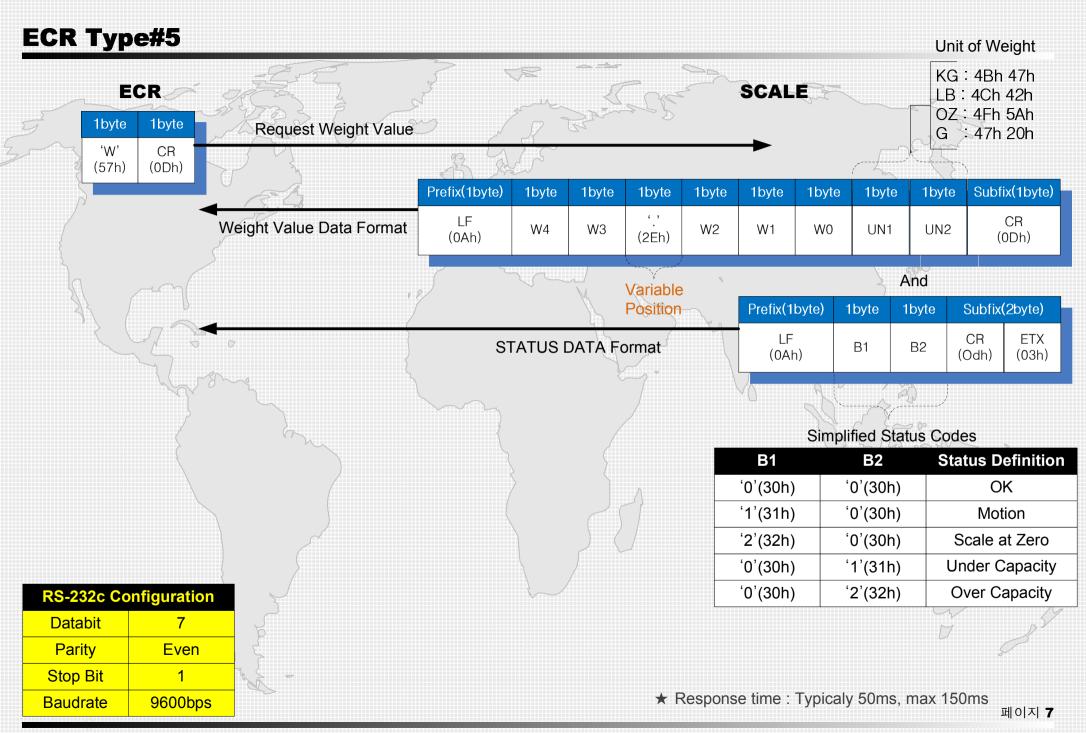


ECR Type#2

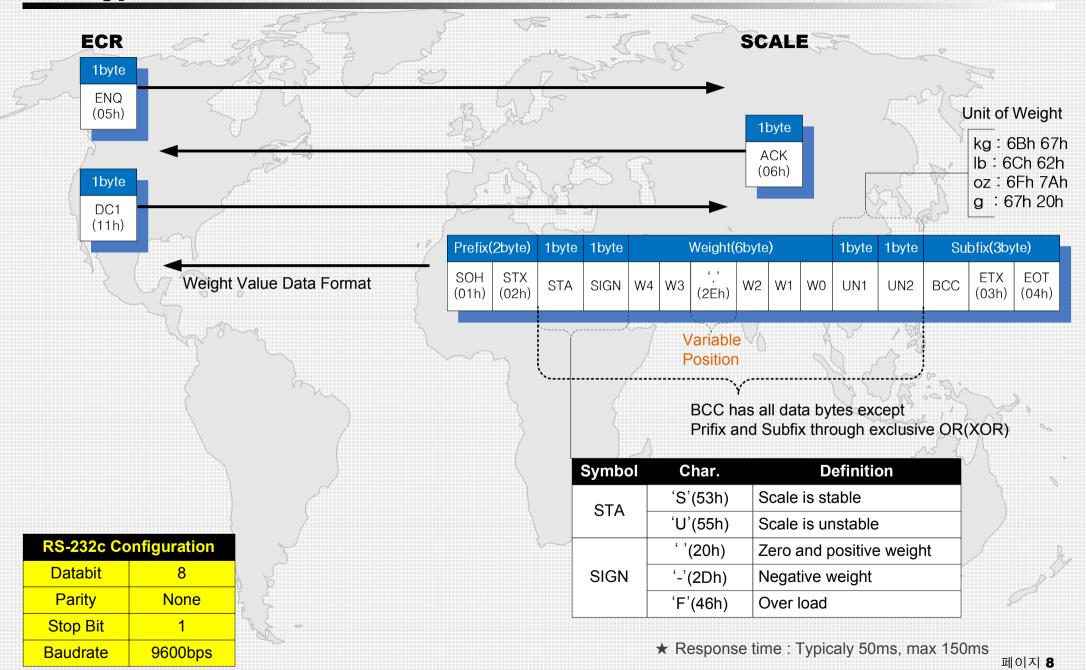


SHARP ER-Axxx, ER-A450T, New SANYO ECRs using RS-232, TOLEDO 3212, etc.

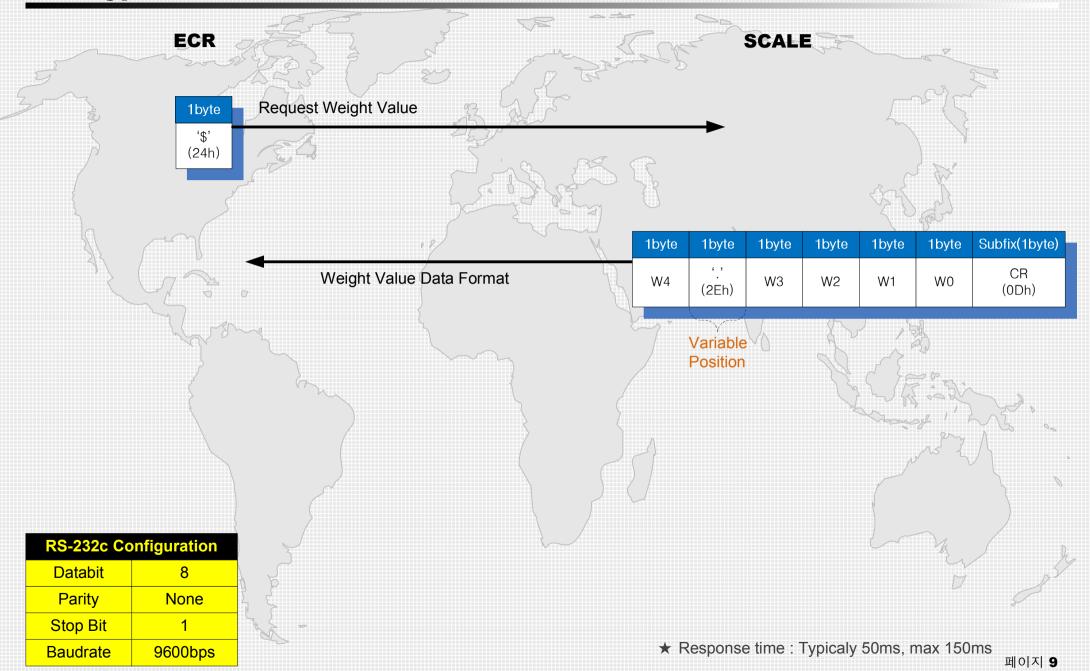




ECR Type#6



ECR Type#7



ECR Type#12(Change Scale information – Unit Price) Checkout-Dialogue#06 ECR SCALE Unit Price(6byte) Subfix(1byte) Prefix(4byte) 1byte 'O' EOT STX ESC ETX U5~U0 (04h) (02h)(30h) (31h) (1Bh) (03h)**Scale Action** Request to change scale information 1. Active Unit Price change 1byte **Communication Good** ACK (06h) 1byte Communication no Good NAK (15h)SW can't change **RS-232c Configuration Databit** 7 Parity Odd Stop Bit 1

★ Response time: Typicaly 50ms, max 150ms

페이지 10

9600bps

Baudrate

ECR Type#12(Change Scale information – Unit Price, Tare)

Checkout-Dialogue#06

